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Indiana. State Board of  
Accounts.

Revised price list for the  
guidance of township...

[Fort Wayne]

1917

97-84025-17

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Per 63

# PRICE LIST GUIDE

FOR THE GUIDANCE OF

## Township Trustees

PREPARED BY THE

STATE BOARD OF ACCOUNTS  
OF INDIANA

1917

# REVISED PRICE LIST

FOR THE GUIDANCE OF

Township Trustees

IN THE MATTER OF

## Purchasing Supplies

1917

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PREPARED BY THE

STATE BOARD OF ACCOUNTS  
OF INDIANA

Department of Inspection and Supervision of  
Public Offices

GILBERT H. HENDREN	-	-	-	-	State Examiner
BERT WINTERS	-	-	-	-	Deputy Examiner
THOMAS H. KUHN	-	-	-	-	Deputy Examiner
GEORGE M. CRANE	-	-	-	-	Clerk of Department

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FORT WAYNE PRINTING COMPANY  
CONTRACTORS FOR STATE PRINTING AND BINDING  
1917

# CORRECTIONS.

Prices in this guide on steel laboratory and school room furniture to be increased 5 per cent.

Prices on semi-steel and cast iron school desks to be increased 20 cents per desk.

## CLASS 8.

Manuscripts, best A grade—24 page, per 100.....	\$5 00
Manuscripts, best A grade—30 page, per 100.....	6 50
Manuscripts, medium B grade—24 page, per 100..	4 75
Manuscripts, medium B grade—30 page, per 100..	5 80

## CLASS 3 A.

### New Quotation on Brooms.

4 sewed, 24-lb., per doz.....	\$7 50
5 sewed, 26-lb., per doz.....	8 00
5 sewed, 28-lb., per doz.....	8 50
5 sewed, 30-lb., per doz.....	9 00
Wilton parlor, 5 sewed, 30-lb., stemless, per doz..	9 45
Brace parlor, 5 sewed, 28-lb., stemless, per doz..	8 70
Ideal, 5 sewed, extra, stemless, per doz.....	8 55
Favorite, 4 sewed, 24-lb., stemless, per doz.....	8 05
A Parlor, 4 sewed, 24-lb., per doz.....	8 05
Winner, 5 sewed, 25-lb., medium stock, per doz..	7 50
No. 1 special, 5 sewed, 30-lb., medium stock, per doz.....	7 95
No. 2 special, 5 sewed, 28-lb., medium stock, per doz.....	7 45
No. 1 carpet, 3 sewed, 26-lb., common stock, per doz.....	7 10
No. 2 carpet, 4 sewed, 24-lb., common stock, per doz.....	6 60
No. 1 warehouse, wire band, 3 sewed, 42-lb., per doz.....	9 00
No. 2 warehouse, wire band, 2 sewed, 36-lb., per doz.....	8 25
No. 3 warehouse, wire band, 2 sewed, 30-lb., per doz.....	7 50
Whisks, extra stock, per doz.....	2 25

# REVISED PRICE LIST, 1917

## INTRODUCTORY.

In this revision is given a schedule of school supplies and road construction machinery in general use, arranged in classified form, with quotation of prices.

The description and prices of articles herein set forth have been carefully selected from a number of price lists of reputable firms, dealers and manufacturers in the State of Indiana of the varied lines utilized in the several classifications.

The home merchant as a taxpayer is a constituent part of the community, its interests and welfare. In consideration of the justice of the well-known principle of home recognition, the attention of trustees is called to the advisability of giving their patronage of township supplies to their local dealers, when their bids conform in quality and price to the lowest competitive bids, as may be determined by trustees and advisory boards, aided by the within price list.

With the omission from this revised edition of firm names from whom the within quotations of prices have been obtained, the guide will, I believe, be none the less convincing to trustees of the genuineness of the prices so quoted. This department, at all times and under all circumstances, wishes it to be understood that it does not, in the least degree, intend to show any favoritism or discrimination between reputable firms in the State desiring to bid on township supplies. It has been the aim of the State Board of Accounts to investigate very thoroughly the character of supplies, such as trustees are required to purchase, and to procure from a large number of Indiana dealers and manufacturers reliable, conservative prices, thereby conserving the best interests of the taxpayers.

The township advisory boards, by statute, are required to make an appropriation to cover the estimated cost of township supplies for the school year and the trustee is required to advertise for bids covering these estimates by posting five (5) notices in the township for a period of three weeks. If the contemplated expenditure in any one class of supplies amounts to so much as \$500.00, the trustee is further required to advertise in two newspapers in the county representing the leading political parties. In addition to the statutory provisions, this department has for the past four years required the township trustee to file in this office a complete list of all supplies for which proposals are requested, also when and where the bids will be received. Said lists are on file for the benefit of all supply dealers and merchants who desire to bid.

After the trustee receives bids pursuant to notices, as above stated, he should then compare the prices named in the various bids with the

prices named in the Price List Guide and determine which firm is the lowest bidder, considering the quality of the goods. The statute further requires that the advisory board shall attend the letting and the board may reject any or all bids. The trustee shall examine the bids, and shall satisfy himself as to which is the lowest and best bid, after advising with the advisory board thereon. The trustee must preserve all the bids, and endorse on each bid whether it is accepted or rejected and the reasons why.

It is evident that if trustees properly use this Guide List, it will restrain unscrupulous supply agents who, in the past, have, in dishonest ways, exerted their influence on the office holder to violate his oath to a greater extent than they have shown a devotion to legitimate business methods.

Most of the recoveries recently made have been on account of the wrong doing by corrupt supply agencies and dishonest contractors. Graft to the extent of tens of thousands of dollars have been turned back into the treasuries of municipalities by these parasites of society.

If the trustees pay more than the prices named in the Price List Guide at the letting, June 5, 1917, they will be charged with the difference. The prices named in this Guide are the maximum prices. It is expected that this guide will post the trustees as to the general market prices as nearly as can be determined under the present abnormal conditions and generally rising prices. It will aid in bringing about more competitive bidding and thereby reduce the cost of school supplies and road supplies to less, in many instances, than the prices named in such guide. Trustees must secure the **lowest prices** that may be obtained by legitimate competitive bidding and sound business judgment. This is a good time to confer frequently with your **local merchant**, who is your neighbor and a taxpayer and whose motive would naturally be to tell you the truth as to prices of supplies.

Our field examiners have been instructed not to show any favoritism between merchants or supply dealers, but they have also been instructed to urge all trustees to make a sufficient investigation to determine that the firm or individual with whom they may deal is reliable.

I want every township trustee in the State to feel at perfect liberty to request information from this department by mail or by calling in person, as may best suit his convenience.

Respectfully,

GILBERT H. HENDREN,

State Examiner.

## REVISED PRICE LIST

### SCHOOL SUPPLIES—MISCELLANEOUS.

#### CLASS No. 1.

#### BELLS, COMPLETE MOUNTING—FREIGHT PREPAID.

Steel alloy school bell, with mountings, 20 in., 165 lbs., each.....	\$12 00
Steel alloy school bell, with mountings, 22 in., 205 lbs., each.....	15 00
Steel alloy school bell, with mountings, 24 in., 250 lbs., each.....	18 75
Steel alloy school bell, with mountings, 26 in., 350 lbs., each.....	30 00
Steel alloy school bell, with mountings, 28 in., 450 lbs., each.....	37 50
Brass hand bell, size 4 in., each.....	1 00
Brass hand bell, size 5 in., each.....	1 50
Brass hand bell, size 6 in., each.....	2 50
Gong, size 5 in., trip gong, each.....	1 25
Gong, size 6 in., trip gong, each.....	2 25
Gong, size 8 in., trip gong, each.....	4 50
Gong, size 10 in., trip gong, each.....	7 25
Electric buzzer, size 3 in., each.....	50
Electric bell, size 3 in., each.....	50
Electric bell outfit, No. 1,762, consists of 2½ gong bell, 1 cell dry battery, 1 wood push button, 50 ft. insulated wire staples complete.....	1 75
Electric gong, size 6 in., each.....	4 50
Electric gong, size 8 in., Farraday, weather proof.....	8 30
Dry batteries, each.....	40
Insulated wire, per foot.....	0½
Push buttons, each.....	15
Class bell, small, each.....	35
Class bell, medium, each.....	60
Class bell, large, each.....	90

Prices subject to market changes.

#### CLASS No. 2.

#### BLACKBOARDS.

Hyloplate 36, 42 and 48 in. wide, per sq. ft., black.....	\$ 14
Hyloplate 36, 42 and 48 in. wide, per sq. ft., green.....	15
Lithoplate 36, 42 and 48 in. wide, per sq. ft.....	15
Duroplate 36, 42 and 48 in. wide, per sq. ft.....	14
Genuine slate, 3 ft. wide, per sq. ft.....	32
Genuine slate, 3½ ft. wide, per sq. ft.....	33
Genuine slate, 4 ft. wide, per sq. ft.....	34
Slated cloth, 3 ft. wide, per yard.....	67

# CLASS No. 2—Continued.

Slated cloth, 4 ft. wide, per yard.....	\$ 80
Liquid blackboard slating, black, per gallon.....	2 40
Alcohol liquid blackboard slating, black, per gallon.....	3 50
Alcohol liquid blackboard slating, green, per gallon.....	4 00
Moulding and chalk trough, per ft.....	2 cents to 05
Slating brush, 3 in., each.....	60
Slating brush, 4 in., each.....	1 00
Slating brush, 5 in., each.....	1 25
Slating brush, 3 in., camel's hair, each.....	1 50
Empire or sterling white crayon, per gross.....	20
Waltham crayon, per gross.....	21
Colonial white crayon, per gross.....	18
Plain dustless crayon, per gross.....	30
Hygeia dustless crayon, per gross.....	32
Alpha dustless, per gross.....	40
National dustless, per gross.....	35
Eureka dustless, per gross.....	40
Tale Crayon for slate blackboard, flat stick, per gross.....	2 00
Tale Crayon for slate blackboard, square, per gross.....	3 00
Assorted crayon No. 3, per gross.....	80
Assorted colored crayon No. 2, per gross.....	1 20
Assorted colored crayon No. 1, per gross.....	2 00
Andrew's wool felt erasers, per gross.....	6 00
Weber's noiseless erasers, per gross.....	15 00
Dann's noiseless erasers, 5 in., per gross.....	17 00
Dann's noiseless erasers, 6 in., per gross.....	20 00
Eureka noiseless erasers, per dozen.....	2 00
Columbia noiseless erasers, per dozen.....	1 50
Pointers, rubber tipped, steel, hickory or maple, per doz.....	1 00, 1 15
Crayon compasses No. 3, each.....	60
Crayon compasses No. 1, each.....	1 25
Drawing sets for blackboard, each.....	3 75

## CLASS No. 3.

### FLOOR OILS, BROOMS, BRUSHES, MATS, PAINTS, ETC.

#### Floor Oils.

Several brands are mentioned for comparative purposes.

5 gal. can floor oil.....	\$1 85
10 gal. can floor oil.....	3 50
30 gal. $\frac{1}{2}$ bbl. floor oil, per gal.....	26.8
50 gal. 1 bbl. floor oil, per gal.....	24.8
Standard floor dressing, 30 gal. $\frac{1}{2}$ bbl., per gal.....	36.8
Standard floor dressing, 50 gal. 1 bbl., per gal.....	34.8
Standard floor dressing, 5 gal. can.....	2 45

# CLASS No. 3—Continued.

Standard floor dressing, 10 gal. can.....	\$ 4 50
Floor dressing, 30 gal., $\frac{1}{2}$ bbl. per gal.....	20.8
Floor dressing, 50 gal. 1 bbl., per gal.....	18.8
Floor oil, 5 gal. can.....	1 55
Floor oil, 10 gal. can.....	2 90
Floor oiler, 1 quart.....	1 25
Floor oiler, 2 quarts.....	1 50
Oiler, 1 $\frac{1}{2}$ quarts, special.....	2 50
Oiler for furniture and woodwork, $\frac{1}{2}$ pint.....	1 00

## High Class Polish for Furniture and Floors.

1—5 gal. can (in case) Semdae liquid gloss.....	\$4 15
2—5 gal. cans (in case) Semdae liquid gloss.....	7 75
30 gal. $\frac{1}{2}$ bbl. Semdae liquid gloss, per gal.....	64.8
50 gal. 1 bbl. Semdae liquid gloss, per gal.....	62.8

## CLASS No. 3A.

### Brooms.

4 sewed, 24-lb., per dozen.....	\$7 00
5 sewed, 26-lb., per dozen.....	7 50
5 sewed, 28-lb., per dozen.....	8 00
5 sewed, 30-lb., per dozen.....	9 00
Wilton Parlor, 5 sewed, 30-lbs., stemless, fine stock, per doz.....	8 50
Brace Parlor, 5 sewed, 28-lbs., stemless, fine stock, per doz.....	8 10
Ideal, 5 sewed, 26-lbs., extra stemless, fine stock, per doz.....	7 70
Favorite, 4 sewed, 24-lbs., stemless, fine stock, per doz.....	7 25
A Parlor, 4 sewed, 24-lbs., per doz.....	7 25
Winner, 5 sewed, 25-lbs., medium stock, per doz.....	6 75
No. 1 special, 5 sewed, 28-lbs., medium stock, per doz.....	7 00
No. 2 special, 5 sewed, 28-lbs., medium stock, per doz.....	6 65
No. 1 carpet, 3 sewed, 26-lbs., common stock, per doz.....	6 35
No. 2 carpet, 4 sewed, 24-lbs., common stock, per doz.....	6 00
No. 1 Warehouse, wire band and 3 sewed, 42 lbs., per doz.....	8 50
No. 2 Warehouse, wire band and 2 sewed, 36 lbs., per doz.....	7 75
No. 3 Warehouse, wire band and 2 sewed, 30 lbs., per doz.....	7 00
Whisks, extra stock, per dozen.....	2 25

Manufactured by the Board of Industrial Aid for the Blind.

## Sweeping Compounds.

Sanet cedar for sweeping, 50-lb. drum.....	\$2 00
Sanet cedar for sweeping, 100-lb. drum.....	3 00
Sanet cedar for sweeping, 250-lb. barrel.....	6 25
Sanet cedar for sweeping, 125-lb.....	5 00
Dustless sweeping compound, per barrel or drum, 100 lbs.....	4 00

CLASS No. 3B.

Disinfectants.

Wagoner's 4-lb., each.....	\$1 25
Acme, per lb. 25 cents, 24-lb case.....	5 50
Diozo cabinet, each.....	1 00
Formaldehyde, per gal., in jugs.....	2 00
Dust pans, 8x13, heavy steel covered.....	40
Dust pans, common.....	15
Soap, ivory, per cake.....	05
Soap, tar, per cake.....	05

International Germ Destroyers.

No. 0, capacity cu. ft. 1,000; per doz.	\$3 60	per gross.....	\$27 00
No. 1, capacity cu. ft. 2,500; per doz.	6 00	per gross.....	48 00
No. 2, capacity cu. ft. 3,000; per doz.	7 20	per gross.....	66 00
No. 3, capacity cu. ft. 4,000; per doz.	8 40	per gross.....	72 00
No. 4, capacity cu. ft. 5,000; per doz.	9 60	per gross.....	80 00

Floor Brushes, Dusters, Mats, Paints, Etc.

Chamois skins and window cleaners.

Chamois, size 20 x 36, per dozen.....	\$9 90
Chamois, size 19 x 25, per dozen.....	8 19
Chamois, size 15 x 20, per dozen.....	5 36
Chamois, size 14 x 18, per dozen.....	4 75
Chamois, size 13 x 17, per dozen.....	3 96
Chamois, size 12 x 14, per dozen.....	2 43
Peerless cleaners, 12 in., each.....	30
Peerless cleaners, 14 in., each.....	35

LADDERS.

Step-ladder, Norway Pine, Malleable castings.

Best grade, 10 ft. and under, per foot.....	\$0 32
Best grade, 12 ft., per foot.....	35
Best grade, 14 ft. and 16 ft.....	68
Extension ladders, 30 ft. and under, per foot.....	26
Extension ladders, 32 ft. to 36 ft., per foot.....	30
Folding steps.....	4 50

Brushes.

Krako Chiseled bristle, white bristles, flowing varnish brushes, thick brass bound, 2½ and 3 in. wide, each.....	.95c to \$1 15
Medium quality, Chinese black bristles, 2½ and 3 in. wide.....	.35c to 45
Whitewash brushes, white bristles, 7 in wide, 2½ in. long.....	55
Gray bristles, 7 in. wide, 2½ in. long.....	45

CLASS No. 3B—Continued.

Floor Polishing Brushes, Weighted with Iron.

15 lbs. weight.....	\$1 25
25 lbs. weight.....	1 50

Floor Sweeping Brushes, Extra Quality, Gray Russia Bristles, Rubber Strips on End.

12 in. block.....	\$2 00
14 in. block.....	3 15
16 in. block.....	4 00

Roofing Paint Brushes.

Strong leather bound, gray bristles, 7 in. wide, length, 3½ in.....	\$1 05
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Window Brushes.

Wire drawn.

Black hair, block, 8½ in., per dozen.....	\$4 25
White outside, black center, block, 8½ in.....	5 25
Black mixed stock, block, 8 in.....	4 50
Poles, extra.....	1 50

Wire Brushes.

Coarse wire, per dozen.....	\$2 25
Medium wire, per dozen.....	5 25
Fine wire, per dozen.....	3 25

Hand Dusters, Extra Bristle.

All bristles, extra quality, white outside, gray middle.

Length of block, 8 in, length of bristle, 2½ in.....	\$0 45
Length of block, 8 in., length of bristle, 2½ in.....	55
Length of block, 9 in., length of bristle, 3 in.....	65
Length of block, 10 in., length of bristle, 3½ in.....	80
Length of block, 10 in., length of bristle, 3½ in.....	95
Length of block, 11 in., length of bristle, 3½ in.....	1 35
Fibre floor brushes, 14 in. to 24 in., each.....	2 00 to 3 00
Bristle floor brushes, 14 in., each.....	2 50
Bristle floor brushes, 16 in., each.....	3 00
Bristle floor brushes, 18 in., each.....	3 25
Bristle floor brushes, 24 in., each.....	3 75
Dustless fibre brush, 16 in., each.....	3 25
Dustless fibre brush, 18 in., each.....	3 50
Dustless bristle brush, 16 in., each.....	5 25
Dustless bristle brush, 18 in., each.....	6 75



# CLASS No. 3B—Continued.

## Mats and Dusters.

Flexible steel wire, 18 x 30, each.....	\$2 00
Flexible steel wire, 24 x 36, each.....	3 00
Flexible steel wire, 26 x 48, each.....	3 50

## Steel folding mats:

Size 21 1/2 x 36, each.....	\$3 00
Size 29 1/2 x 48, each.....	5 25
Size 34 1/2 x 60, each.....	8 00
Size 35 1/2 x 72 1/2, each.....	10 00
Special sizes, per sq. ft.....	60
Foot scrapers, each.....	25
Cocoa, 18 x 30, each.....	1 75
Rubber mats, 18 x 36, each.....	3 75
Rubber matting, corrugated for aisle, etc., in rolls 36 in. wide, per yard.....	2 25
Mops, 18 oz., each.....	35
Feather dusters, extra quality, 14 in., each.....	65
Feather dusters, extra quality, 16 in., each.....	85
Feather dusters, 200 feathers, 18 in., each.....	1 25
Sanitary duster, 18 in., each.....	50
Sanitary duster, 24 in., each.....	75
Wool dusters, each.....	75
No. 14, chamois skin, 19 x 25, each.....	65
Rock Island form sponges, per lb.....	6 75

# CLASS No. 3C.

## PAINTS.

Liquid paint, reputable paint mfgs., brands, per gal., not to exceed.....	\$2 25
Flat finest, reputable paint mfgs., brands, per gal., not to exceed.....	2 25
Inside floor paint, reputable paint mfgs., brands, per gal., not to exceed.....	2 00
Outside floor paint, reputable paint mfgs., brands, per gal., not to exceed.....	2 25
Seat varnish, reputable paint mfgs., brands, per gal., not to exceed.....	2 50
Exterior spar varnish, per gal., not to exceed.....	3 50
Interior enamel paint, reputable paint mfgs., brands, per gal., not to exceed.....	2 25
Liquid dryers, reputable paint mfgs., brands, per gal., not to exceed.....	1 00
Linseed oil, raw, per gallon.....	98
Linseed oil, boiled, per gallon.....	99
White lead in oil, 100 lb. drums, not to exceed.....	10 1/2
White lead in oil, 25 and 50 lb. drums, not to exceed.....	10 1/2
White lead in oil, 12 1/2 lb. drums, not to exceed.....	11

# CLASS No. 3C—Continued.

White lead in oil, 1 and 5 lb. cans, not to exceed.....	\$ 12
Red, brown and black barn paint, per gal.....	75
Barn, fence and roof paint, big four yellow, per gal.....	1 40
Barn, fence and roof paint, lead color, per gal.....	1 35
Barn, fence and roof paint, other colors, per gal.....	1 00
East India graphite, per gal.....	1 30
Flat wall finish, per gal.....	1 70 and 2 60

# CLASS No. 4.

## MAPS, CHARTS AND GLOBES.

Paragon maps, 8 to case, Peerless Steel Rotary case, per case, 1916 edition.....	\$34 50
Paragon maps, 8 to case, ordinary box case.....	27 50
Paragon maps, single in steel case.....	4 20
Botanical charts, 24 x 36 in. with teacher's hand book.....	15 00
Robertson's Geographic-Historical Series.....	32 50
Yaggy's Geographical Study, complete.....	32 50
Yaggy's Astronomical Features alone on tripod iron stand.....	10 50
Yaggy's Physical and Geological Features mounted in case.....	8 50
Yaggy's Zone Map on common roller.....	3 00
Yaggy's Globes, 12 in. in diameter, plain.....	5 00
Yaggy's Globes, 12 in. in diameter, meridian stationary.....	6 25
Yaggy's Globes, 12 in. in diameter, meridian movable.....	7 25
Yaggy's Globes, 12 in. in diameter, meridian movable, full mounted.....	8 75
Yaggy's Globes, 12 in. in diameter, meridian stationary, full mounted.....	7 75
Yaggy's hanging globe, 18 in. in diameter, complete.....	20 00
Yaggy's hanging globe, 12 in. in diameter, complete.....	7 75
Yaggy's 12 in. slated globes.....	5 75
Yaggy's 18 in. slated globes.....	16 50

## Andrews Colored Zone:

Lumar Tellurian in plain box.....	19 00
In hinged case.....	20 00
Hammond's Comprehensive Atlas of the World.....	2 50
R. O. Evans Practical Agriculture, steel easel and steel roller.....	37 50
Johnston Continental Series, 8 maps, 52 x 44 in., in case.....	24 50

## Separate maps selected from Continental Series, as follows:

On common rollers.....	1 95
On S. R. Board, dust proof.....	3 40
In steel case.....	4 10
Johnston Unrivaled Series, 8 maps, 41 x 52 in., in case.....	16 35

## Separate maps selected from Unrivaled Series, as follows:

On common rollers.....	1 20
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CLASS No. 4—Continued

On S. R. Board, dust proof.....	\$ 2 40
In steel case.....	3 15
Economic Series, 8 maps, 41 x 52 in., in Utility Rack "B".....	12 50
Separate maps selected from Economic Series, as follows:	
On common rollers.....	95
On S. R. Board, dust proof.....	2 20
In steel case.....	2 90
Indiana Map, 38 x 50 in., 6 miles to one inch on cloth back:	
On common rollers.....	2 65
On S. R. Board, dust proof.....	3 65
In steel case.....	4 30
Note—The Indiana map may be added to any of the above sets in cases at 75 cents extra.	
Johnston Physical Maps, set of 8, 50 x 42 in., in case.....	36 00
Separate Maps selected from this series, as follows:	
On common rollers.....	3 40
On S. R. Board, dust proof.....	4 80
In steel case.....	5 50
Graphic-Relief Series, 6 maps (U. S. and Continents) mounted on cloth and rollers, per set.....	25 00
Blackboard outline maps, U. S., World and Continents, on rollers, each.....	2 20
Desk outline Maps of all countries, 8 x 10½ in., per envelope of 50. . .	45
Sanford U. S. History maps, abridged set of 16 with manual and tripod.....	14 00
Sanford U. S. History Maps, complete set of 32 with manual and tripod.....	24 00
Johnston European History Series, selected set of 8 on tripod.....	15 85
Johnston European History Series, complete set of 16 on tripod.....	27 40
MacCoun Medieval and Modern European History Series, 19 maps, on tripod.....	15 00
MacCoun Improved Form, on tripod, edges durably tape-bound....	18 50
MacCoun Ancient and Classical European History Series, 18 maps, on tripod.....	15 00
MacCoun Improved Form, on tripod, edges durably tape-bound....	18 50
Johnston Charts on Anatomy, Physiology and Hygiene, 12 charts with manual, on tripod.....	13 50
Same, including Rat Chart, with manual, on tripod.....	15 00
Johnston International Globes:	
8 in. 12 in. 18 in.	
Plain.....	\$3 00 \$5 25 \$17 00
Meridian.....	4 50 7 00 21 00
Full mounted.....	5 75 8 50 24 00
Prices are for globes with Movable Meridians.	
Johnston International Suspension Globe, 12 in., complete.....	8 00
Johnston International Suspension Globe, 18 in., complete.....	24 00

CLASS No. 4—Continued.

McConnell's Charts.

Primary reading chart, each.....	\$6 00
Primary arithmetic chart, each.....	6 00

Costello's Globes.

Hanging globe, sash wt., 8 in.....	\$ 7 00
Hanging globe, ball wt., 8 in.....	7 40
Hanging globe, sash wt., 12 in.....	21 00
Hanging globe, ball wt., 12 in.....	21 75

Rand-McNally.

Rand-McNally Maps, 8 in drop front case, Universal Series.....	\$14 00
Rand-McNally Maps, 4 in drop front case, Universal Series.....	9 00
Rand-McNally Maps of Indiana in colors, hand mounted on cloth, moulding top and bottom.....	2 80
Rand-McNally Maps of Indiana in colors in wood or steel case.....	4 80
Rand-McNally Maps, any Universal Map, common rollers.....	1 00
Rand-McNally Maps, any Universal Map, in single wood case.....	2 48
Rand-McNally Maps, any Universal Map, in single steel case.....	2 40
Rand-McNally Maps, 7 in. drop front case, New School Series.....	34 00
Rand-McNally Maps, any new school map, common rollers.....	2 00
Rand-McNally Maps, any new school map, in single wood case.....	4 80
Rand-McNally Maps, any new school map, in steel case.....	4 60
Rand-McNally Maps, Physical Series, 7 in. drop front case.....	46 80
Rand-McNally Maps, Physical Series, any one, common rollers.....	3 60
Rand-McNally Maps, Physical Series, any one, in wood case.....	7 00
Rand-McNally Maps, Physical Series, any one, in steel case.....	6 80
Fosters U. S. History maps, with stand complete.....	20 00
Rand-McNally globes, 8 in., plain.....	3 00
Rand-McNally globes, 12 in., plain.....	5 25
Rand-McNally globes, 8 in., fixed meridian.....	4 00
Rand-McNally globes, 12 in., fixed meridian.....	6 60
Rand-McNally globes, 8 in., movable meridian.....	4 60
Rand-McNally globes, 12 in., movable meridian.....	7 50
Rand-McNally globes, 8 in., full mounted movable meridian.....	6 00
Rand-McNally globes, 12 in., full mounted movable meridian.....	9 25
Rand-McNally globes, 12 in., Suspended, Sash weight.....	7 75
Rand-McNally globes, 18 in., Suspended, Sash weight.....	21 25

Bacon's Maps and Charts.

Set of 8 maps in 51½ in. drop front case.....	\$16 30
Same in sectional case.....	17 75
Four maps in drop front case.....	14 50
One map on plain roller.....	1 20

CLASS No. 4—Continued.

One map on spring roller.....	\$2 15
Globes, plain 8 in.....	3 00
Globes, plain, 12 in.....	5 25
Globes, plain, 18 in.....	17 00
Globes, movable meridian, 8 in.....	4 40
Globes, movable meridian, 12 in.....	7 00
Globes, movable meridian, 18 in.....	21 00
Globes, full mounted, movable meridian, 8 in.....	5 60
Globes, full mounted, movable meridian, 12 in.....	8 50
Globes, full mounted, movable meridian, 18 in.....	24 00

Ryse's Maps.

County, township and sectional map of Indiana, 6 ft. x 4 ft., lithographed in 6 colors.....	\$10 00
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The New Breasted and Harding Map Series of Ancient and European History.

Special Tripod Stand.

B 1656 16, Breasted Ancient Series.....	\$30 00
H 2356 23, Harding European Series.....	40 00
H 1656 16, Harding European Series.....	30 00
H 1256 12, Special English History.....	23 75
BH 2056 20, Breasted and Harding.....	36 50

Golden Oak Drop Front Spring Roller Case.

B 1607 16, Breasted Ancient Series.....	\$37 50
H 2307 23, Harding European Series.....	50 00
H 1607 16, Harding European Series.....	37 50
BH 2007 20, Breasted and Harding.....	45 00
II 1205 12, Special English History.....	30 00

Mounted Separately.

(Any map in either series.)

Rollers at top and bottom.....	\$1 75
On spring roller and board, dust proof cover.....	3 00
In steel spring roller case.....	3 75

Net prices freight prepaid.

All of the above completely backed with cloth.

CLASS No. 5.

DICTIONARY AND REFERENCE BOOKS.

Webster's New International, indexed, buckram bound, each.....	\$10 80
Webster's New International, indexed, sheep bound, each.....	12 60
Webster's Collegiate, indexed, sheep bound, each.....	4 00
Webster's Collegiate, indexed, cloth bound, each.....	3 00
Webster's Collegiate, indexed, one-half morocco, each.....	5 00
Webster's Elementary School, each.....	90
Webster's Shorter School, each.....	60
Webster's New Secondary, indexed, each.....	1 80
Webster's New Secondary, not indexed, each.....	1 50
Funk and Wagnall's Comprehensive Standard, each.....	1 00
Funk and Wagnall's High School Standard, each.....	1 80
Thomas Pronouncing Biographical, 1 vol., each.....	8 00
Thomas Pronouncing Biographical, 2 vol., each.....	15 00
Yaggy's Anatomical Study, 1916 edition, size, 16½ x 28 in., enclosed in heavy cloth bound case, net price, each.....	34 50
Appleton's New Practical Encyclopedia, 6 vol., cloth per set.....	24 00
Appleton's New Practical Encyclopedia, 6 vol., half leather, per set.....	32 00
20th Century Arithmetical Series:	
Edition "A".....	35 50
Edition "B".....	32 50
Hanson-Bellows Co., New Practical Reference Library, 6 vol., buckram and leather binding, per set.....	25 50
Reader's Handbook of Illusion, each.....	2 00
Harper's Dictionary of Classical Literature and Antiquities, each.....	6 00
American History in 12 vol., Washington to Lincoln.....	18 50

Dictionary Holders.

Sanitary, steel, each.....	\$1 75
Bartlett, wooden, each.....	1 50
Noyes, No. 0, each.....	3 00
Noyes, No. 1, all steel stand, gun metal, each.....	5 00
Noyes, No. 4, new model, wall steel bracket, dictionary holder, each.....	3 50
Combination holder.....	3 00

CLASS No. 6.

INDIANA YOUNG PEOPLE'S READING CIRCLE BOOKS,

1917-1918.

Second Grade.

1. The Toy Shop Book, each.....	\$0 73
2. Ned and Nan in Holland, each.....	35
3. The Snow Man, each.....	33
4. Nixie Bunny in Holiday Land, each.....	35

CLASS No. 6—Continued.

Third Grade.

5. In the Animal World, each.....	\$0 40
6. Tales from Far and Near, each.....	35
7. Peter Pan, each.....	40
8. Wonders of the Jungle, each.....	40

Fourth and Fifth Grades.

9. The Young Wheat Scout, each.....	\$0 65
10. Tad and His Father, each.....	40
11. Once Upon a Time in Indiana, each.....	60
12. Emmeline, each.....	60
13. Indian Days of Long Ago, each.....	72

Sixth and Seventh Grades.

14. Campfire Girls of Brightwood, each.....	\$0 65
15. Great Cities of the United States, each.....	60
16. Costume and Design, each.....	77
17. Just David, each.....	60
18. Stories of Thrift for Young Americans, each.....	45
19. Baldy of Nome, each.....	1 05
20. Biography of a Silver Fox, each.....	75
21. Daybreak, each.....	85
22. Vocational Reader, each.....	65
23. Story of Glass, each.....	55
24. Community Civics, each.....	55
Set of twenty-four books, per set.....	13 75

Any number of the above books or any number of sets will be sent prepaid to all points in Indiana at the price listed.

CLASS No. 7.

PAPER AND STATIONERY SUNDRIES

Practice paper, 8½ x 11, medium 5 lb.....	\$ 0 90
Practice paper, 8½ x 11, best grade.....	1 05
Practice paper, 7 x 8½, narrow or wide ruled, medium grade, per ream.....	65
Spelling paper, 7 x 8½, medium grade, per ream.....	65
Music paper, 7 x 8½, medium grade, per ream.....	65
Composition paper, 8 x 10½, medium grade, per ream, 4½ lb. wt.....	85
Examination paper, 8 x 10½, medium grade, per ream, 4½ lb. wt.....	85
Examination paper, printed, per ream.....	1 40
Legal cap paper, 10 x 13, per ream.....	1 10
White manilla sketch drawing paper, 6 x 9, medium grade, per ream.....	80
White manilla sketch drawing paper, 9 x 12, medium grade, per ream.....	1 60

CLASS No. 7—Continued.

Manilla exercise paper, 7 x 8, per ream.....	\$ 40
New Century water color drawing paper, 9 x 12, per ream.....	2 75
Buff or gray drawing paper, 6 x 9, per ream.....	40
Buff or gray drawing paper, 9 x 12, per ream.....	80
Buff or gray drawing paper, heavy, 6 x 9, best, per ream.....	50
Buff or gray drawing paper, heavy, 9 x 12, per ream.....	1 00
White pen drawing paper, heavy, 7 x 11, per 100 sheets.....	2 00
Blotter, 3 x 8, per 100.....	30
Blotter, 3 x 8, per 500.....	1 25
School tablets (pencil use), per 100.....	7 00
School tablets (ink use), per 100.....	7 50

Waste Baskets, Inks, Etc.

Wire, 14 in., 35 cents each, per doz.....	\$ 4 00
Wire, 18 in., 60 cents each, per doz.....	7 00
Willow, small, each.....	50
Willow, medium, each.....	1 00
Willow, large, each.....	1 50
Willow, extra large, 32 in., each.....	2 00
Letter file, each.....	50
Letter tray, each.....	50
Black school ink, quart.....	50
Black school ink, gallon.....	1 00
Black school ink, 5 gallons.....	3 50
Black school ink, 10 gallons.....	6 00
Firmin's pint bottles (40 cents per pint), per dozen.....	4 00
Firmin's quart bottles, (50 cents per quart), per dozen.....	5 75
Stafford's quart bottles, (\$1.00 per quart), per dozen.....	11 50
Sanford's quart bottles, (\$1.00 per quart), per dozen.....	11 50
Ink powder for gallon of ink.....	50
Ink well fillers, spring valves, each.....	1 00
U. S. Ink Wells, per dozen.....	1 25
Denominate number apparatus, in case No. 1, each.....	9 00
Denominate number apparatus, in case No. 2, each.....	11 00
Geometrical surface and solids in wooden box, each.....	2 00
Geometrical surface and solids in paper box, each.....	1 75
Cube root blocks to 1 place, each.....	50
Cube root blocks to 2 places, each.....	65
Cube root blocks to 3 places, each.....	80

Pencil Sharpeners, Pen and Pencils, Etc.

Chicago Sharpener, clamp 25 cents extra each.....	\$1 00
U. S. Automatic, each.....	1 50
Jumbo, each.....	2 00
Wizzard, each.....	2 40

CLASS No. 7—Continued.

Dickens' lead pencils, rubber tip, per gross.....	\$ 1 50
Dixon's student drawing pencils, per gross.....	2 50
Indelible pencils, per dozen, Venus.....	1 00
Dixon's pencils, No. 309, per gross.....	5 00
Cedar pencils, rubber tips, per gross.....	1 50
Cedar pencils, without rubber tips, per gross.....	1 25
None such pencils, rubber tips, per gross.....	2 50
Pen holders, per gross.....	1 75
Pen holders, cork tip, medium, per gross.....	4 00
Pens, per gross.....	50 1 00
Rubber erasers, each.....	05
Rubber erasers, per dozen.....	50
Rubber erasers, per gross.....	5 00
Mucilage, per bottle.....	05
Mucilage, per dozen.....	45
Dennison's paste in tubes, each.....	.05 10
Paste in five-ounce jars with water well and brush, each.....	25
Paste in pints, each.....	45
Paste in quarts, each.....	65
Sanford's paste with water well and brush, quart, \$1.00; pint, each.....	75
School rulers, per gross.....	1 50
Rulers, good grade, graduated in inches on one side and metric on other, each.....	05
Rubber stamps, per line.....	15
No. 19 printing outfits, 1/4 inch capital letters, each.....	1 50
No. 10 printing outfits, 1 inch capitals and numbers, each.....	2 00
No. 120 printing outfits, three-fourths inch capitals, small letters and figures, each.....	2 50
Hand clipless fasteners, each.....	3 50
Stand clipless fasteners, nickel plated, each.....	3 50
Fountain ink well, each.....	1 25
Common sense ink well, per dozen.....	50
Metal case dial thermometer, 9 in., circular each.....	2 50
Radical scale thermometer, large red spirit tube, each.....	1 60
Taylor metal face thermometer, oak back, 8 in., each.....	75

FLAGS.

Flags, Imitation Wool Bunting, 2 x 3.....	\$ 1 45
Flags, Imitation Wool Bunting, 3 x 5.....	3 10
Flags, Imitation Wool Bunting, 4 x 8.....	4 50
Flags, Imitation Wool Bunting, 5 x 10.....	6 50
Flags, Imitation Wool Bunting, 6 x 12.....	8 00
Flags, Best Wool Bunting, 3 x 6.....	5 40
Flags, Best Wool Bunting, 4 x 8.....	8 30
Flags, Best Wool Bunting, 5 x 10.....	12 20
Flags, Best Wool Bunting, 6 x 12.....	17 20

CLASS No. 7—Continued.

FIRE EXTINGUISHERS.

Pyrene Fire Extinguishers, brass.....	\$10 00
Pyrene Fire Extinguishers, nickel.....	11 00

TOILET ARTICLES.

Mirrors, 10 x 14 1/2, owing to quality, up to each.....	\$ 1 00
Toweling, linen crash, good quality, per yard.....	20
Towel rollers, average, each.....	50
Paper towels, 11 1/2 x 15, 150 to roll, per case of 50 rolls.....	14 00
Toilet paper, per 100 rolls.....	4 50 9 00
Liquid soap dispensers, No. 6, each.....	2 00
Soap liquid, 5 gallons, per gallon.....	2 00

CLASS No. 8.

BOOKS AND STATIONERY FORMS.

Driver's time book.....	\$0 75
Library records.....	1 75
Township institute secretary's book.....	85
Report and promotion cards, per 100, 65 cents, in lots of 500, per 100.....	50
Report cards with envelopes, per 100, \$1.25, in lots of 500 per 100.....	1 00
Examination MSS., 48 page, per 100, B grade, \$6.20, A grade.....	6 90
Examination MSS., 36 page, per 100, B grade, 5.00, A grade.....	5 55
Examination MSS., 24 page, per 100, B grade, 3.80, A grade.....	4 20
Graduation MSS., 36 page, per 100, B grade, 5.00, A grade.....	5 55

School Registers, Township Books and Blanks.

2 year form.....	\$0 60
4 year form.....	1 00
Co-operative, 2 year form, duplicate, \$1.25, triplicate.....	1 50
High School 2 year form, duplicate, \$1.25, triplicate.....	1 50
Enumeration record, linen paper.....	4 75
Poeket enumeration or field book.....	75
Transfer record, ruled and indexed, 240 pages.....	4 75
High School record, cloth and leather binding. For 117 students, 4 year form.....	4 00
For 200 students, 4 year form.....	5 00
For 362 students, 4 year form.....	7 50
Financial record and cash book, township (book)—	
Form No. 1—small size.....	5 50
Form No. 1—large size.....	6 50
Report books, with envelopes, first 100, \$2.50; each additional 100.....	2 25
Four page report cards, with envelopes, first 100, \$2.50; each additional 100.....	2 25

CLASS No. 8—Continued.

Teacher's notice to parents of absence; Parents' statement of cause of absence attached. Name of township, county and trustee printed in notice. Sample sent on request. Price per 100, 75 cents; 500 or over, per 100.....	\$ 60
Promotion cards, per 100, 65 cents; in lots of 500 or over, per 100. . .	50
Roll of honor, per 100.....	3 00
Record of appropriations, township (book)—	
Form No. 2—small size.....	5 50
Form No. 2—large size.....	6 50
Trustee's record of depository balances, township (book)—	
Form No. 3—small size.....	4 50
Form No. 3—large size.....	5 50
Combined, warrant, check and voucher book, office size, 350 checks and 350 vouchers in book. Name of trustee, post office, township, county, and bank to be printed in same.....	5 00
Combined warrant, check and voucher book, pocket size, 100 in book, alternate warrant, check and voucher. Printed to order, as above. Flexible binding.....	1 00
Voucher in township (book), form No. 5 and warrant, check in township (book) form No. 6. Six or more books, each.....	85
Record of fees, fines and forfeitures collected, township (book) form No. 4.	
Small size, 100 pages.....	4 75
Large size, 200 pages.....	6 00
Reports of fines and forfeitures, township (blank)—	
Form No. 7, per dozen.....	30
Reports of fines and forfeitures collected, township (blank)—	
Form No. 8, per dozen.....	30
Certificate of tax levies, township (blank), form No. 9, per dozen...	40
Estimates of expenditures, township (blank) form No. 10, per dozen	60
Appropriation sheets, township (blank) form No. 11, per dozen.....	40
Township trustee's annual report to the Advisory Board, township (blank), form No. 13, each.....	60
(The regular size of this report has space for 476 items, and will, therefore, care for about 425 vouchers, aside from the items, "amount brought forward," "amount forward," and "money received.")	
Township trustee's annual report to the advisory board, township (blank) form No. 13, large enough for 600 vouchers.....	75
Township trustee's general record, township (book) form No. 14, each.....	4 75
Recommendations of teachers to trustees for supplies, township (blank) form No. 18, per doz.....	25
Classified notice to bidders, for tacking up, general (blank) No. 65, per dozen.....	40
Classified notice to bidders, pamphlet form (like sample sent from State Board of Accounts), general (blank) form No. 65, each....	05

CLASS No. 8—Continued.

Contractor's bids (form adopted by State Board of Accounts) general (blank) form No. 10, per dozen.....	\$ 50
Record of the advisory board, (new form) each.....	4 75
Advisory board oaths, acts of 1899, per dozen.....	25
Teachers inventory of supplies on hand, per dozen.....	40
Monthly reports of public depository to secretary of board of finance and trustee, funds on hand and interest earned, per dozen.....	40
Tablet of notices for posting and delivery to members of advisory board, showing proposed tax levy, per tablet.....	50
Notices, same as above, printed on heavy cardboard, especially suitable for tacking up where they will be exposed to the weather, per dozen.....	40
Tablet 25 notices meeting of advisory board, January, June, September or special.....	25
Sheep record, per book.....	4 75
Orders on dog fund, 100 in book, per book.....	75
Trustee's report of dog fund, each.....	10
Trustee's pocket service account, per book.....	75
Township warrant, notes for loans, 100 in book, perforated, per book	75
Enumeration book for soldiers and sailors, per book.....	1 00
Reports enumeration of soldiers, per dozen.....	40
Books, reports to the truant officer of children of compulsory age, alphabetically arranged, indexed, large size, each.....	1 50
Books, same as above, small size, each.....	1 00
Note—The small size report to truant officer is large enough for a township whose school enumeration does not exceed 500.	
Transfer certificate, 100 in tablet, per tablet.....	75
Transfer certificate, in duplicate, 200 in book, each alternate certificate perforated. Sheet of carbon paper in book, per book.....	1 75
Dozen transfer statements, acts of 1915, 33 names each.....	75
Dozen transfer statements, acts of 1915, 99 names each.....	1 25
Book statement per capita cost.....	75
Contracts and bonds for the drivers of school wagons, per dozen.....	40
Time tables, showing time of arrival of school wagon at the several houses, 100 in tablet, per tablet.....	75
Cards, notices to patrons of time of arrival of school wagon, per 100.	75
Letter heads, 8½ x 11, printed, 1000.....	4 50
Letter heads, 8½ x 11, printed 500.....	2 50
Note heads, 6 x 9½, printed, 1,000.....	4 00
Note heads, 6 x 9½, printed, 500.....	2 25
Envelopes, regular size, white, printed, 1,000.....	4 00
Envelopes, regular size, white, printed, 500.....	2 25
Envelopes, long, white, printed, 100, \$1.00; 500.....	4 00
Bill heads, 1,000.....	5 00
Bill heads, 500.....	3 00

CLASS No. 8—Continued.

Bill heads, 250.....	\$2 00
Boxes rubber bands, assorted, both as to length and width, box, each small 50c; medium 75c; large .....	1 00
Rubber bands, thread, per gross .....	30
Books, fire drill certificates (Acts of 1917) .....	1 00
Reams legal cap, 16 lbs. to ream, per lb. ....	30
Seals engraved for township or justice, each.....	2 50
Self-inking advisory board stamps for stamping vouchers for the advisory board, "audited and approved," each.....	2 50

**Road Blanks.**

*Notice to work poll tax, 100 in book, per book.....	\$0 60
*Receipts for poll tax worked or commutation money paid, 100 in book, per book.....	60
*Receipts taken by supervisor from party working out commutation money, 100 in book, per book.....	60
*Duplicate receipts, township (book), form No. 19, with statement "duplicate, not negotiable, etc.", printed on them, 100 in book, per book.....	75
*Notices to work out cash road tax (up to \$20.00) 100 in book, per book.....	60
Reports of parties who neither work nor pay commutation money, per dozen.....	60
Report of damages on account of entering private lands, per dozen..	50
Dozen sheets plat paper, per dozen.....	60
Highway record, contains plats for making of road district, new form, per book.....	4 75
Book of certificates of appointment of supervisors, per book.....	60
*Exemption certificates, 100 in book, perforated, per book.....	50
*Certificates of excess work, 100 in book, perforated, per book.....	50
Supervisor's time and account book, per book.....	75
Supervisor's combined time and account book, leather back, per book.....	1 50
*Road tax receipts, 100 in book, perforated, fall work township (book), form No. 19, per book.....	60
*Notice to cut weeds. 100 in book, perforated, per book.....	60
*Land owner's receipts for cutting weeds, 100 in book, perforated, per book.....	60
*Supervisor's orders, 100 in book, perforated, per book.....	60
Supervisor's bonds, per dozen.....	40
Supervisor's report to trustee, per dozen.....	30
Supervisor's road tax lists, per dozen.....	75
Road laws, per copy.....	25
Notices against heavy hauling, while roads are soft, per dozen.....	40

\* Any of the items marked (\*) printed to order with name of township and county in same, 70 cents each.

CLASS No. 8—Continued.

**Poor Books and Blanks.**

Poor record, each.....	\$ 4 50
Poor orders, 100 in book, perforated, name of township and county left blank, per book.....	60
Poor orders, 100 in book, name of township and county printed in same, per book.....	85
Poor orders, 700 in book, office size, name of township and county printed in same, bound leather back and corners, cloth sides, per book.....	5 00
Orders for medical attendance, 100 in book, perforated, per book....	60
Undertaker's orders, 100 in book, perforated, per book.....	60
Orders to poor asylum, 100 in book, perforated, per book.....	60
Poor report book, 300 leaves, three to page, yellow paper, per book..	4 75
Poor report book, 100 leaves, three to page, yellow paper, per book..	2 75
Triplet report to commissioners for authority to render additional poor relief, 200 leaves, white paper, per book.....	4 00
Triplet report to commissioners for authority to render additional poor relief, 100 leaves, white paper, per book.....	3 00
Poor settlement blanks, per dozen.....	50

**Ditch Books and Blanks.**

Trustee's record of ditch assessments, township (book) form No. 33, small size, \$4.50; large size.....	\$5 50
Township drainage (tax) record, township (book) form No. 26, small size, \$4.50; large size.....	5 50
*Record of receipts and disbursements of ditch funds, township (book) form No. 32, small size, \$5.00; large size.....	5 50
*Contractors bids and affidavits, township (blank) form No. 28, in tablets of 75, price.....	1 50
*Ditch contracts, township (blank) form No. 30, 75 in tablet, price..	1 50
*Ditch repair bonds, township (blank) form No. 29, 75 in tablet, price.....	1 50
*Notice of ditch letting, township (blank) form No. 35, 100 in tablet.....	1 00
*Notices for posting, stating when and where trustee will hear ob- jections to assessment, 100 in tablet, price.....	1 00
*Same for mailing. 100 in tablet. Price, 75 cents per tablet; 3 tablets.....	1 50
*Notice of ditch assessment, 100 in tablets, 75 cents; 3 tablets.....	1 50
*Ditch assessment receipts, township (book) form No. 31, 100 original and 100 duplicates to book, price.....	1 25
4 or more, each.....	1 00

The two items first above can be had printed on postal cards at the price of the cards extra.

# CLASS No. 8—Continued.

*Warrant check and voucher book for ditch work. 50 warrant-checks and 50 vouchers to book. Price.....	\$ 1 00
* Township and county printed in; also bank printed in checks.	
The above blanks as per law of 1915.	
The records below are for the ditch law—	
Acts 1917, ditches can be cleaned under either law at the option of the land owners.	
Ditch record—Acts 1917.....	4 75
*Ditch notices, 100 in book, per book.....	75
*Book ditch acceptance, 100 in book.....	75
*Book notice to clean banks of ditch.....	75
*Four or more books of either of the 3 items marked (*) printed to order, with name of county and township in same, without additional cost.	
Tablet trustee's report to prosecuting attorney showing, dogs reported by the assessor upon which tax is unpaid, per tablet.....	50
Trustee's receipt book with stub, 100 in book, perforated dog tax paid to him, per book.....	50
Oaths dogs owned, 100 in book, per book.....	50
Book of 50 trustee's receipts to township assessor, showing money turned over to township trustees, per book.....	50
Books of 100 delinquent dog notices, per book.....	50

## CLASS No. 9.

### JUSTICE OF THE PEACE SUPPLIES.

Affidavits and miscellaneous blanks, $\frac{1}{4}$ sheets, $8\frac{1}{2}$ x 7, per 100.....	\$0 75
Affidavits and miscellaneous blanks, $\frac{1}{4}$ sheets, $8\frac{1}{2}$ x 14, per 100.....	1 50
Criminal docket, each.....	8 50
Civil docket, each.....	8 50
Combination docket, each.....	9 50

Township trustees are hereby informed that township funds cannot be used in the purchase of law books of any kind for the use of justices of the peace. Nor will the purchase of such blanks and stationery for their personal use be allowed.

## CLASS No. 10.

### FURNITURE.

#### Principals' and Teachers' Desks and Tables.

Teacher's Table, 2 drawers, large, 48 x 26, best oak, No. 124.....	\$ 7 50
Teacher's Desk, 2 drawers, large, 48 x 26, best oak, No. 125.....	10 00
Teacher's Desk, 5 drawers, 48 x 26, best oak, No. 126.....	13 50

## CLASS No. 10—Continued.

Teacher's Desk, 5 drawers, 42 x 25, best oak.....	\$11 00
Teacher's Desk, 5 drawers and cupboard, 54 x 26, best oak, No. 128.....	18 00
Teacher's Desk, Sanitary, on Legs, No. 225, oak, 2 drawers, 42 x 28.....	12 00
No. 226, same as above, only four drawers.....	15 00
Excelsior—selected oak, golden finished, flat top with railing—	
26 x 48, weight, 120 lbs. with 3 drawers.....	11 00
28 x 42, weight, 120 lbs. with 4 drawers.....	16 50
26 x 48, weight, 140 lbs., book stalls, with 2 drawers.....	14 35
26 x 54, weight, 185 lbs., 7 drawers.....	18 20
28 x 54 weight 160 lbs. 2 pedestals, 7 drawers.....	21 10
28 x 42, weight 100 lbs., 2 drawers.....	12 40
Roll top—oak, golden finish—	
48 x 30, weight, 265 lbs., 8 drawers.....	33 50
54 x 30, quartered oak, sanitary, brass sockets.....	55 00
Sani-steel—	
Flat top with railing, 26 x 42, 2 drawers.....	12 45
Same, without railing, 26 x 42.....	11 85
Same, with railing, 4 drawers, 26 x 42.....	15 35
Same, with railing, 5 drawers.....	17 75
Sani-steel desk, 2 drawers, 26 x 42, each.....	12 45
Sani-steel desk, 4 drawers, each.....	15 35
Sani-steel desk, 5 drawers, each.....	17 75
Principal's desk, 7 drawers, 29 x 52, each.....	24 00
Freight Prepaid.	

## CLASS No. 11.

### TEACHERS' CHAIRS.

Bow back, steel braced arm chair, net, each.....	\$ 3 50
Rock Elm, each.....	2 00
Tablet arm, elm, net, double cane seat, maple.....	2 75
Quartered oak, full box seat, without arm, net, each.....	3 50
Quartered oak, full box seat, tablet arm, net, each.....	4 00
Oak swivel, each.....	7 50
Rock elm swivel, saddle seat, finished golden.....	6 75

## CLASS No. 12.

### KINDERGARTEN CHAIRS AND TABLES.

Kindergarten sand table, made of one sheet of heavy galvanized steel. Finished white enamel inside and quartered oak outside. Strong steel angle frame, with removable steel legs on ball bearing casters. Size, 27 inches wide by 72 inches long by 4 inches deep, each.....	\$15 15
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# CLASS No. 12—Continued.

Kindergarten table, basswood top, grooved into squares one inch square; 30 inches wide by 6 feet long, well braced near ends with bottoms. The legs are of steel tube, bent out of one solid piece, each.....	\$ 8 65
Kindergarten table, of oak, top 18 x 36 inches and 17 inches high, one edge of top graduated in inches, each.....	2 10
Cardboard protractors, 4½ in., per dozen, 20 cents; 6 in., per dozen....	30
Kindergarten chair, hardwood, finished natural (finished in red, if so specified, without extra cost), seat 13 x 13 inches and 14 inches from the floor. Weight per dozen, 65 lbs., per dozen....	8 95
Kindergarten chair, same as above but seat 11 x 11 inches and 12 inches from the floor. State if natural or red finish is desired, per dozen.....	6 50
Kindergarten chair, of hardwood weathered, golden or green finish, as desired; seat 11½ x 13 inches; 12 inches from floor, per dozen....	11 00
Folding kindergarten chair, maple, natural finish, seat 12 inches above floor, per dozen.....	6 70
Folding chair, either 14 or 11 inches above floor, per dozen.....	8 60
High stand numeral frame, 100 balls, frame 3 ft. x 22 inches.....	5 50
No. 1 Table, 3 feet long, 18 inches wide, folding.....	5 00
No. 2 Table, 6 feet long, 2½ feet wide, folding.....	7 00
No. 3 Table, 2½ feet long, 2½ feet wide, folding.....	5 50
No. 1 Chairs, 12 inch, per dozen.....	7 50
No. 2 Chairs, 14 inch, per dozen.....	8 50
Mosher hygienic chair, per dozen.....	10 00

## Rubber Tips for Chairs and Tables.

Tips with screws, per set of 4.....	\$0 08
Crutch tips, per set.....	20

# CLASS No. 13.

## AUDITORIUM CHAIRS.

Steel frame, wood parts 5-ply veneer, well-bolted sections, 3 or more, each.....	\$ 1 90
Steel frame, wood parts 5-ply veneer arm rest sections, 3 or more, each.....	2 00
Folding chair, 5-ply veneer, hard maple, steel castings, per dozen....	11 00
Folding chair, 5-ply veneer, hard maple, per dozen.....	8 05
Rubbed finish, 10 cents per chair extra.	
Single chairs, extra 25 cents per chair.	
Folding chairs, for mahogany finish, extra 25 cents per dozen.	

# CLASS No. 14.

## SCHOOL DESKS.

Nos. 1 and 2 cast iron combination desk, pressed steel book box, open each.....	\$2 75
No. 3 and 4 cast iron combination desk, pressed steel book box, open each.....	2 65
Nos. 5 and 6 cast iron combination desk, pressed steel book box, open each.....	2 55
Rears and fronts, all sizes, price.....	2 45
No. A size, cast iron, combination adjustable pressed steel book box, open each.....	3 50
No. B size, cast iron, combination adjustable pressed steel book box, open each.....	3 40
No. C size, cast iron, combination adjustable pressed steel book box, open each.....	3 30
Rears and fronts, all sizes, price.....	3 20
Nos. 1 and 2 Tubular steel combination desk, pressed steel book box, open each.....	3 50
Nos. 3 and 4 Tubular steel combination desk, pressed steel book box, open each.....	3 40
Nos. 5 and 6 Tubular steel combination desk, pressed steel book box, open each.....	3 30
Rears and fronts, all sizes, price.....	3 20
Wood parts, maple back and seat, cherry stained top, varnish finish.	
No. A tubular steel adjustable box desk and chair, open box.....	4 25
No. B tubular steel adjustable box desk and chair, open box.....	4 10
No. C tubular steel adjustable box desk and chair, open box.....	3 95

For lifting lid, add 50 cents per desk, for settee instead of chair, add 25 cents.

Steel parts—gun metal enamel. Wood—maple, cherry stained.

Above prices are for desks F. O. B. Factory. Add for freight, each 20 cents.

## Specifications and Dimensions.

The writing desk or top on all chair desks have vertical adjustments of 4 inches.

Size	Height of Seat	Height of Top	Size of Top	Price Black Japanned
1.....	17	26—30	16 x 24	\$5 00
2.....	16	25—29	16 x 24	5 00
3.....	15	23—27	14 x 21	4 90
4.....	14	21—25	14 x 21	4 90
5.....	13	19—22	12 x 18	4 80
6.....	12	18—21	12 x 18	4 80

CLASS No. 14—Continued.

With leg adjustment.

For adjustable slanting mechanism, add 25 cents each chair.

For plus and minus roller bearing adjustment, add 25 cents each chair.

For leg adjustment, add 25 cents.

Sanitary steel adjustable desks, large..... \$3 90

Sanitary adjustable desks, medium..... 3 80

Sanitary steel adjustable desks, small..... 3 70

For lifting lid, add 55 cents to above.

No rears needed for these desks. Price includes both desk and separate seat.

Non-adjustable cast iron desk—

Nos. 1 and 2..... 2 75

Nos. 3 and 4..... 2 65

Nos. 5 and 6..... 2 55

Rears and fronts, all sizes..... 3 20

Columbia Sani-steel chair desk—

Nos. 1 and 2..... 5 00

Nos. 3 and 4..... 4 90

Nos. 5 and 6..... 4 80

For Plus and minus adjustment, add 25 cents.

For leg adjustment, add 25 cents, for tilting top, add 25 cents.

All desks finished in black Japan. Oak woods.

**Furniture—Students' Desks.**

New Wabash Sanitary semi-steel desks—

Nos. 1 and 2..... \$2 75

Nos. 3 and 4..... 2 65

Nos. 5 and 6..... 2 55

Fronts and rears..... 2 45

New Peabody Semi-steel desk in maple—

Nos. 1 and 2..... 2 90

Nos. 3 and 4..... 2 80

Nos. 5 and 6..... 2 70

Fronts and rears..... 2 60

Panama semi-steel desks, in maple—

Nos. 1 and 2..... 3 00

Nos. 3 and 4..... 2 90

Nos. 5 and 6..... 2 80

Fronts and rears..... 2 70

CLASS No. 14—Continued.

New Peabody Sanitary semi-steel adjustable desk in Maple—

Size A..... \$ 3 75

Size B..... 3 60

Size C..... 3 45

Fronts and rears..... 3 30

Above four desks made and shipped from North Manchester, Indiana, and always in stock for prompt shipment.

Cherry or natural finish all over on above desks, 10 cents extra, but two or three weeks are required extra.

Any desk made of oak, 25 cents more than prices on maple but not kept in stock.

Above prices guaranteed to January 1st, 1918.

**Students' Desks.**

No. 1 and 2 Tubular steel combination desk—stationary..... \$ 3 85

No. 3 and 4 Tubular steel combination desk—stationary..... 3 70

No. 5 and 6 Tubular steel combination desk—stationary..... 3 50

Fronts, all sizes..... 3 25

Rears, all sizes..... 3 25

Tops, Cherry stained—back and seat finished natural.

No. 1 and 2 New combination desk, semi-steel standards—stationary..... 3 25

No. 3 and 4 New combination desk, semi-steel standards—stationary..... 3 10

No. 5 and 6 New combination desk, semi-steel standards—stationary..... 2 90

Fronts, all sizes..... 2 65

Rears, all sizes..... 2 65

Tops, cherry stained—back and seat finished natural.

No. A Semi-steel combination adjustable desk, open box..... 4 00

No. B Semi-steel combination adjustable desk, open box..... 3 85

No. C Semi-steel combination adjustable desk, open box..... 3 65

Fronts, all sizes..... 3 40

Rears, all sizes..... 3 40

Tops, cherry stained—back and seat finished natural.

For lifting lid or sliding top, add..... 50

No. A Size, American steel adjustable box desk and chair or settee..... 5 75

No. B Size, American steel adjustable box desk and chair or settee..... 5 10

No. C Size, American steel adjustable box desk and chair or settee..... 4 60

Woods—Maple, Cherry stained—Lifting lid or sliding top add

Recitation seats, semi-steel standards, 4 ft., all sizes..... 4 65

Recitation seats, semi-steel standards, 6 ft., all sizes..... 6 80

Recitation seats, tubular steel standards, 4 ft., all sizes..... 5 25

Recitation seats, tubular steel standards, 6 ft., all sizes..... 7 70

Regular finish, natural back and seat, tablet arms, extra, each..... 50

Above prices are for desks, f. o. b. factory, add for freight, each..... 20

# CLASS No. 15.

## RECITATION SEATS.

Recitation seats, standards, 4 ft., all sizes, price.....	\$3 60
Recitation seats, standards, 6 ft., length, all sizes.....	5 25
Recitation seats, tubular steel, standards, 4 ft. length, all sizes.....	3 95
Recitation seats, tubular steel, standards, 6 ft. length, all sizes.....	5 60
Woods, natural maple, standard varnish finish.	
Add for freight, to the above prices 20 cents per desk.	
Single steel recitation seats, without arms.....	2 05
Single steel recitations seats, with arms.....	2 63
Duplex steel recitation seats, without arms.....	3 00
Duplex steel recitation seats, with arms.....	3 90

## High School Size.

6 ft. length, \$4.80; with 3 arms.....	\$7 00
8 ft. length, 6.40; with 4 arms.....	9 20

NOTE—ALSO ALL OTHER MAKES OF DESKS AND SEATS SIMILAR IN DESIGN AND EQUAL IN QUALITY AND PRICE, SHOULD BE CONSIDERED BY ALL TRUSTEES IN ADDITION TO THE WITHIN QUOTATIONS.

# CLASS No. 16.

## BOOK CASES AND FILING CASES.

Quartered oak, golden finish, 53 x 42, 2 glass doors, each.....	\$21 00
Quartered oak, golden finish, 53 x 25, 1 glass door, each.....	17 00
Quartered oak, golden finish, 53 x 54, 3 glass doors, each.....	26 00
Oak, plain, golden finish, 50 x 40, glass doors.....	9 50
Sanitary steel, 60 x 31½, 5 shelves, each.....	11 40
Sectional case, disappearing doors, plain oak, each.....	7 50
Solid oak, glass doors, 50 x 40, each.....	11 00
Solid oak, panel doors, 50 x 40, each.....	9 75
Cases in sections, quartered oak tops and bases, 5 series from 32 x 8 x 9½ to 32 x 12 x 13½, each, from \$2.75 to.....	4 29
Cases in sections, plain oak, from 32 x 8 x 9½ to 32 x 12 x 13½, each from.....	\$2.40 to 5 00

## Filing Cases.

Vertical filing case, steel, each.....	\$16 00
Golden Oak.....	7 95 to 12 50
Sani-steel, 49 x 24 x 14.....	16 70

# CLASS No. 17.

## LIBRARY TABLES.

Table 26 x 42, solid oak, 2 drawers, KD construction, each.....	\$ 9 00
Table same as above with rail on top, each.....	10 00
Table 30 x 48, solid oak with drawers, open back, each.....	17 50
Table 60 inch, no shelf.....	11 10
Table 72 inch, no shelf.....	12 85
Table 96 inch, no shelf.....	19 35

# CLASS No. 18.

## CLOCKS.

Oak or mahogany, height 38 inches, 12 inch dial, 8-day winding, each.....	\$5 00
Oak or mahogany, height 38 inches, with calendar attachment, each.....	5 50
Drop octagonal clock, height 21 inches, 12-inch dial, each.....	3 90
Drop octagonal clock, height 24 inches, 12-inch dial, 8-day movement, each.....	\$3.50 and 4 75
Corsor regulator, height 32 inches, 12-inch dial, 8-day movement, each.....	5 75
Observatory regulator, 37 x 16½, 12-inch dial, 8-day movement, each.....	6 00
Drop octagon, 12 inch dial, 8-day, each.....	5 00
Regulator, 12-inch dial, 8-day, each.....	7 25

## 5 minute interval, 12 hour program.

1 program.....	\$41 00
2 program.....	46 00
3 program.....	49 00
4 program.....	52 00
5 program.....	55 00
6 program.....	58 00
7 program.....	61 00
8 program.....	64 00

## 24 hour program, 5 minute interval. 12 hour program, 2½ minute interval.

1 program.....	\$53 00
2 program.....	57 00
3 program.....	63 00
4 program.....	68 00
5 program.....	73 00

## 2½ minute interval, 24 hour program.

1 program.....	\$63 00
2 program.....	70 00
3 program.....	77 00
4 program.....	84 00
5 program.....	91 00

The prolonger is a very useful attachment which prolongs the ringing of some circuit bells to any length of ring desired up to 40 seconds, price.....

5 75

# CLASS No. 19.

## DOMESTIC SCIENCE TABLES.

Table No. 2, steel, freight prepaid, 5 drawers, each.....	\$22 60
Table No. 4, steel, freight prepaid, 10 drawers, each.....	37 75
Table No. 22, steel, freight prepaid, 4 drawers, each.....	22 85
Table No. 24, steel, freight prepaid, 8 drawers, each.....	37 15
Table No. 32, steel, freight prepaid, 4 drawers, each.....	26 05
Table No. 34, steel, freight prepaid, 8 drawers, each.....	43 50
Table No. 20, steel, freight prepaid, 3 drawers, each.....	20 30
Table No. 40, steel, freight prepaid, 6 drawers, each.....	33 10
Table No. 26, steel, freight prepaid, 6 drawers, each.....	23 10
Table No. 46, steel, freight prepaid, 8 drawers, each.....	37 75
Table No. 102, steel, freight prepaid, 2 drawers, each.....	14 55
Table No. 104, steel, freight prepaid, 4 drawers, each.....	23 90
Steel stool, 18 inches high, freight prepaid, each.....	1 50
Kitchen cabinet, No. 1, freight prepaid, each.....	36 75
Kitchen cabinet, No. 2, freight prepaid, each.....	30 25
Sewing table No. 208, 2 x 4, wood top, 4 steel drawers and legs, freight prepaid, each.....	16 00
Stove gradings, add, each.....	2 10
Large Bunsen burners, add, each.....	30
No. 47, Swinging gas stove, each.....	3 20
No. 118, swinging stool, each.....	1 50
Above subject to market changes.	
No. 2, W Wood top, 1 B. E. Table, Oak.....	25 00
No. 2, P Porcelain top, 1 B. E. Table, Oak.....	30 50
No. 2 S Sanistone Composition top, S. B. C. Table, Oak.....	29 50
Freight Prepaid.	

# CLASS No. 20.

## LABORATORY.

Physics Table, No. 9.....	\$31 10
Physics Table, No. 9½.....	28 77
Physics Table, No. 15½.....	25 10
Physics Table, No. 15.....	25 90
Physics Table, No. 10.....	39 15
Physics Table, No. 11.....	36 75
Physics Table, No. 12.....	29 90
Physics Table, No. 12½.....	28 20
Biology Table, No. 15.....	25 90
Biology Table, No. 21.....	39 70
Biology Table, No. 22.....	40 85
Cabinet.....	34 95
Cabinet with plumbing.....	77 75
Cabinet with plumbing and apparatus.....	226 00
Germinating bed for agriculture.....	17 50

# CLASS No. 20—Continued.

## Chemical Cabinet.

Galvanized reservoir, porcelain drip tank, deep drawers, with complete fittings, except glassware.....\$69 00

# CLASS No. 21.

## MANUAL TRAINING BENCHES.

### Steel frame benches:

Manual training bench, 20 x 41, 1 vise, each.....	\$10 05
Manual training bench, 20 x 54, 2 vises, each.....	14 00
Bench, 2 vises, each.....	13 70
Double bench, 4 vises, rapid acting, each.....	24 80
Double bench, 2 vises, rapid acting, each.....	16 75
Drawers for benches, each.....	1 50
Steel rapid-acting vise, each.....	3 75

### Freight prepaid.

2 wood vises, 24 in. x 6½ ft., each.....	13 20
2 steel vises, 20 in. x 4 ft., each.....	10 12
2 wood vises, 22 in. x 56 in., each.....	8 98
2 steel vises, 22 in. x 4 ft., each.....	8 60
1 wood and 1 steel vises, 20 in. x 5 ft., each.....	11 64

### Freight Prepaid.

Bench with one Wilcox vise.....	11 50
Bench with two Wilcox vises.....	16 00
Bench with one Abernathy vise.....	11 50
Bench with two Abernathy vises.....	16 15
Bench with one Massey vise.....	11 70
Bench with two Massey vises.....	16 75
Bench with one Columbia vise.....	10 75
Bench with two Columbia vises.....	14 25
Bench with one Christiansen vise.....	10 00
Bench with two Christiansen vises.....	12 75

### Wood frame.

# CLASS No. 22.

## WINDOW SHADES AND GUARDS.

### Finished Lengths.

Cotton duck cloth—Colors; tan, green or white. The shade cloth will not check, crack nor pin-hole. A complete adjustable shade on specially constructed spring roller. (Stock rollers are not used.) Rollers can not RACE. They are provided with a positive locking device that automatically locks the roller by means of a GRAVITY HOOK, the moment

CLASS No. 22—Continued.

the operator releases his hold upon the bottom pull. The positive acting roller is at bottom of the shade and allows the shade cloth to roll down. The support pulley is automatic and is attached to the window cap by two screws only. The price includes all parts necessary for hanging shades.

Approximate width of shade cloth.	Finished Lengths.										
	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
28½"	\$1.60	\$1.68	\$1.77	\$1.84	\$1.93	\$1.99	\$2.04	\$2.10	\$2.15	\$2.21	\$2.26
34½"	1.77	1.85	1.95	2.05	2.15	2.21	2.26	2.32	2.37	2.43	2.48
38½"	1.82	1.99	2.10	2.21	2.32	2.37	2.43	2.48	2.54	2.59	2.65
44½"	1.93	2.10	2.22	2.35	2.48	2.54	2.59	2.65	2.70	2.76	2.81
48"	2.08	2.22	2.36	2.50	2.70	2.76	2.81	2.87	2.92	2.98	3.03
50"	2.21	2.37	2.51	2.67	2.81	2.87	2.92	2.98	3.03	3.09	3.14
55"	2.37	2.50	2.66	2.82	2.98	3.06	3.14	3.23	3.31	3.39	3.47
60"	2.52	2.71	2.89	3.06	3.25	3.34	3.42	3.50	3.58	3.67	3.75
70"	2.81	3.17	3.38	3.59	3.80	3.91	4.02	4.13	4.24	4.35	4.46

Above prices for tan or white. For green add 10 per cent.

Adjustable from top or bottom. Cotton Duck cloth in tan, green or white is used. For this style either the Columbia Quaker, Hartshorn or Ball Bearing rollers.

Approximate width of shade cloth.	Finished Lengths.					
	72"	96"	108"	120"	132"	144"
28½"	\$1.60	\$1.88	\$1.93	\$2.04	\$2.15	\$2.26
34½"	1.82	2.04	2.15	2.26	2.37	2.48
38½"	1.88	2.15	2.26	2.37	2.48	2.59
44½"	1.93	2.26	2.37	2.59	2.70	2.86
50"	2.15	2.48	2.65	2.82	2.96	3.09
55"	2.26	2.70	2.81	3.03	3.20	3.36
60"	2.43	2.81	3.03	3.20	3.36	3.58
70"	2.98	3.53	3.80	4.08	4.30	4.63

Above prices for tan or white. For green add 10 per cent.

**Adjustable Folding Shades.**

Only the best grade of cotton duck cloth is used in its manufacture. By using several bars the shade can be folded to one-seventh or less its length. Right conditions favor the use of one intermediate bar. This shade lowers from the top and folds from the bottom; operates without a roller; has two positive acting automatic pulleys. The shade is guaranteed against mechanical defects.

CLASS No. 22—Continued.

Approximate width of shade cloth.	Finished Lengths.									
	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
28½"	\$1.41	\$1.49	\$1.58	\$1.60	\$1.71	\$1.77	\$1.82	\$1.88	\$1.93	\$1.99
34½"	1.58	1.68	1.77	2.00	1.93	1.99	2.04	2.10	2.15	2.21
38½"	1.71	1.82	1.93	2.25	2.10	2.15	2.21	2.26	2.32	2.37
44½"	1.93	2.05	2.18	2.50	2.37	2.43	2.48	2.54	2.59	2.65
48"	2.05	2.19	2.34	2.75	2.54	2.59	2.65	2.70	2.76	2.81
50"	2.10	2.24	2.40	2.90	2.59	2.65	2.70	2.76	2.81	2.87
55"	2.23	2.38	2.55	3.00	2.79	2.87	2.95	3.03	3.12	3.20
60"	2.45	2.62	2.80	3.50	3.06	3.14	3.23	3.31	3.39	3.47
70"	2.89	3.06	3.24	4.00	3.53	3.64	3.75	3.85	3.97	4.08
80"	3.10	3.33	3.56	4.60	3.94	4.08	4.22	4.35	4.49	4.63
90"	3.44	3.59	3.98	5.20	4.38	4.52	4.66	4.79	4.93	5.07

Above prices for tan or white. For green add 10 per cent.

**CLASS No. 23.  
SANITARY DRINKING FOUNTAINS.**

One stand job, complete, three way galvanized pump, installed . . .	\$85 00
Each extra stand, add. . . . .	25 00
One stand will accommodate 75 children.	

**Gravity Cooler Fountains.**

Five-gallon iron insulated cooler with stoneware container on japanned steel stand, with waste pail, and N. P. brass self closing bubbling combination, price each . . . . .	\$17 30
Five-gallon stoneware jar and cover on japanned steel stand, with waste pail and N. P. brass self closing bubbling combination. Price, each. . . . .	10 40

**Sanitary Bubbler Fountain.**

9 gallon size, each. . . . .	\$18 00
18 gallon size, each. . . . .	22 00

**Drinking Fountain.**

Wall hung drinking fountain with integrant trap housing, large pattern, bubbling cup with N. P. wheel handle self closing valve, trap and regulating device concealed in housing with concealed hanger (not installed). Net. . . . .	\$30 50
If with loose key shut-off in addition to the above equipment, add. . .	1 50
Pedestal drinking fountain with large bubbling cup, loose key regulating valve, floor flange, bolts and gasket, supply pipe (not installed), net. . . . .	35 00
Same with self-closing regulating stop with wheel handle, net. . . . .	37 50

CLASS No. 24.

STOVES.

Freight Prepaid.

Cannon.				Price
Weight	Fire Pot.	Pipe Collar.	With Drum.	Without Drum.
Stove Only.				
350	17 in.	7 in.	\$30.80	\$27.80
450	19 in.	7 in.	37.80	34.30

Cannon Room Heater with Jacket.

Fire Pot.	Weight stove only	Pipe Collar.	Price.
17 in.	350	7 in.	\$43.40
19 in.	450	7 in.	49.70

Box.

Length of Wood.	Weight.	Pipe Collar.	Price, Per Stove
28 inches	140	6	\$10.50
34 inches	185	6	12.60
36 inches	205	6	16.10
38 inches	235	7	19.60
Made extra heavy. Fastened together with bolts instead of rods.			
36" and 38" have cut sides.			

Air Circulating Room Heater.

Features—Ingot iron body, heavy gauge; full front, eliminates warping of door frames and cases up easier and neater. Optional all clay liners or cast and clay liners. Riveting by steam hammer, grates of best possible design, well fitted doors and excellent draft arrangement.

For Soft Coal, Hard Coal or Coke.

Weight	Bottom Section of Casing	Middle Section of Casing	Diameter of Casing	Heating Capacity	Pipe Collar	Price Per Heater
840	24"	28" x 9' 9 1/2"	26 1/2" x 9' 9 1/2"	42"	15,000 to 22,000	7"
950	26"	28" x 10' 7"	26 1/2" x 10'	47"	22,000 to 28,000	8"
						125.00
						140.00

Subject to market changes.

CLASS No. 25.

ROOM FURNACE.

Freight Prepaid.

Model Room Furnace.	No. 120	No. 122.
Height of heater, floor to top.....	64"	64"
Length of body.....	58"	58"
Diameter of body.....	24"	26"
Gauge ARMCO ingot iron in body.....	8	7
Gauge ARMCO ingot iron in top.....	6	6
Size rivets.....	3/8"	1/2"
Diameter of perpendicular fire pot.....	20"	22"
Depth of fire pot.....	19"	19"
Weight of complete grates.....	83 lbs.	95 lbs.
Height of casing.....	68"	68"
Diameter of casing.....	42"	47"
Shipping weight.....	900 lbs.	1,000 lbs.
Heating capacity.....	15,000 cu. ft.	22,000 cu. ft.
Price installed.....	\$135.00	\$160.00

Room Furnaces.

	Hero Cast Tubular Furnace			Large Hero Horizontal Radiator Furnace.		
Size Number.....	30	31	35	41	548	50
Maximum Heating capacity with ventilation cu. ft.....	6,000	9,000	12,000	17,000	22,000	30,000
Maximum Heating capacity without ventilation, cu. ft.....	10,000	14,000	18,000	25,000	35,000	45,000
Weights, approximate, lbs.....	670	850	1,000	1,200	1,400	1,600
Price f. o. b. Chicago for style 1 or B.....	\$86.00	\$96.00	\$106.00	\$120.00	\$134.00	\$154.00
Price installed in room ready for fire, style 1 or B.	\$106.00	\$118.00	\$128.00	\$142.00	\$158.00	\$180.00
Cast Drum, for price, add to above prices.....						\$3.00
Metal Vent stack, for price, add to above prices.....						5.00
Metal Vent stack, through ceiling and roof, for price on 12 inch, add \$16.00; 14 inch, add \$18.00; 16 inch, add \$21.00.						
8 inch metal smoke flue within metal vent stack, add per foot of height.....						1.25
Price with 9 inch charcoal iron smoke flue, add \$3.00 for the cast drum and 50c per foot for the smoke flue.						

CLASS No. 25—Continued.

**Steel Hot Blast Room Furnace.**

Freight prepaid, net price, per furnace, \$60.00, \$64.00, \$69.00, \$72.00, \$75.00.

Specifications the same on the three numbers.

Diameter of casing, 34 inches.

Diameter of fire pot, 22 inches.

Height of furnace, 60 inches.

Height, including casing, 63 inches.

Size of feed door, 9 x 12½ inches.

Weight, complete, 580 lbs. of Nos. 25 and 27.

Weight, complete, 700 lbs. of Nos. 30 and 35, No. 40, 750 lbs.

Construction—Outside jacket, high grade blue polished steel, inside body heavy boiler plate, fire bowl made in two parts. Grates, circular with draw center, steel ball bearings; ash pit large, and contains galvanized double-ball ashpan; inside body joined to fire bowl by quarter inch rods; joints at bowl protected by hot blast gas generator. Feed doors extra large and protected by perforated lining.

**Globe Room Furnaces.**

No. 21-B	21 inch firepot	\$125 00
No. 23-B	23 inch firepot	140 00
No. 25-B	25 inch firepot	160 00
For foul air ventilator connecting to shelf flue, add		10 00
For foul air ventilator through roof, add		20 00
With inner smoke stack		25 00

Furnaces fully guaranteed, delivered and installed at above prices.

\$10.00 discount on each heater where two or more are purchased by same township, shipped and installed at same time.

As to general school house heating and ventilating and rules concerning public building contracts, I mailed a report a few days ago to all township trustees and school boards giving complete particulars. This report prepared, by Prof. Veal of Purdue University, has the approval of more than a half dozen of the engineering departments of the largest universities in the country. In fact, all colleges to which we sent a type-written copy before the same was published approved such report.

In determining the kind of system for which you will have plans and specifications prepared, you should consider at least three standard systems, taking into account the quality, original cost, durability, cost of operation, and repair of each system and determine which is best suited for the particular kind of a building which you are going to erect.

Professor Veal's report shows the relative efficient and economical value of the various systems on the basis of the provisions of the sanitary school house law of Indiana, namely, heating, ventilating, humidity,

CLASS No. 25—Continued.

initial cost, durability, up-keep, safety, operating cost, and cleanliness. Professor Veal spent many months in making tests of the various systems of heating and ventilation. From this report you will learn that some of the systems cost less to operate, give much better satisfaction and by comparison such meritorious systems will last probably twice as long as some other systems. It becomes your duty upon proper investigation of all bids, with the advice of your heating, and ventilating engineer and architect to determine the lowest and best bid according to the merits of the system you have selected on the general basis of Professor Veal's report.

The proposition of specialties and any extras to be considered, should be included in the original plans and specifications. As a rule "extras" and "specialties" (after the contract is let) shall be kept at low tide as they are without competition and nearly always expensive. By adopting as a basis the information contained in Professor Veal's report and by following the rules and regulations of public building contracts by this department will result in a saving to the taxpayers of Indiana of more than \$100,000 annually. Therefore, I insist that the general basis given in Professor Veal's report, the provisions of the sanitary laws of the State, the rules and regulations of the State Board of Health, and the rules of the State Board of Accounts concerning public building contracts must be followed, "with the idea of safe-guarding the expenditure of public money and the loss of property and more especially the health and lives of school children."

CLASS No. 26.

**WHEELBARROWS AND TRUCKS.**

All steel, tubular, 3½ cu. ft. capacity, each	\$6 40
All steel, tubular, size of hopper, 4 cu. ft., capacity, each	6 80
All steel, tubular, size of hopper, 6 cu. ft. capacity, each	11 25
All steel coal barrow, capacity 600 lbs. soft coal, each	13 50
All steel coal barrow, capacity 400 lbs. long spout nose tray, each	13 50
All wood, common grade, each	2 00
Steel wheel, garden, each	3 50
Steel wheel, garden, each	4 00
Steel wheel, garden, each	5 00
Steel wheel, garden, each	5 90
Dirt barrows, steel tray and wheel, wood frame, 3 cu. ft., each	5 00
Dirt barrows, steel tray 3 cu. ft., each	6 40

All prices are f. o b. any steam or electric railroad station in the State of Indiana.

Above barrows, except the all wood and the garden barrows are self lubricating wheels. For common bolt bearing wheels, prices about 10 to 15 per cent less.

CLASS No. 26—Continued.

**Trucks.**

Truck, 42 in. long, 18 in. wide, half bound iron, each.....	\$3 15
Truck, 48 in. long, 19 in. wide, half bound iron, each.....	4 25
Truck, 52 in. long, 20 in. wide, half bound iron, each.....	4 75
Truck, 49 in. long, 20 in. wide, full bound iron, each.....	5 50
Truck, 56 in. long, 22 in. wide, full bound iron, each.....	7 90

CLASS No. 27.

**SHOVELS, SCREENS, PAILS AND SPRINKLERS.**

Furnace scoops and shovels, each.....	50 cents to \$1 00
Polished shovels and spades, per dozen.....	9 75
Polished shovels and spades, 1st grade, per dozen.....	10 85
D handle coal shovel, per dozen.....	11 50 to 12 85
Scoops, per dozen, size No. 5.....	10 00
Scoops, (better quality) per dozen, No. 5.....	17 00

**Coal and Gravel Screens.**

Coal screens, 30 x 64, each.....	\$8 00
Gravel screens, mesh, each.....	4 50 to 7 50

**Galvanized Pails.**

14 quart heavy water pails, per dozen.....	\$5 75
16 quart heavy water pails, per dozen.....	7 00
10 quart light water pails, per dozen.....	3 50
12 quart light water pails, per dozen.....	3 85
14 quart heavy cement pails, per dozen.....	14 00
12 quart round bottom fire pails, per dozen.....	5 75

**Galvanized Sprinklers.**

10 quart galvanized sprinklers, per dozen.....	\$8 25
12 quart galvanized sprinklers, per dozen.....	9 25
14 quart galvanized sprinklers, per dozen.....	11 50

CLASS No. 28.

**LAWN HOSE.**

**Rubber Hose.**

$\frac{1}{2}$ continuous moulded (corrugated) per ft.....	11c to 20
$\frac{1}{2}$ continuous moulded, per ft.....	9c to 15
$\frac{3}{4}$ continuous moulded (corrugated) per ft.....	16

CLASS No. 28—Continued.

**50 Foot Lengths.**

$\frac{1}{2}$ 5-ply special multiple construction, per ft.....	\$0 09
$\frac{1}{2}$ 5-ply special multiple construction, per ft.....	10
$\frac{1}{2}$ 3-ply duck construction, per ft.....	10
$\frac{1}{2}$ 3-ply duck construction, per ft.....	12

**Hose Nozzles.**

Combination, Boston pattern, each.....	45c to 50
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**Hose Pipe.**

$\frac{1}{2}$ 6 without cock.....	\$0 40
$\frac{1}{2}$ 7 without cock.....	45
$\frac{1}{2}$ 6 with cock.....	55
$\frac{1}{2}$ 8 with cock.....	60

**Lawn Sprinklers.**

Round ring, each.....	\$0 50
Tuxedo spray, each.....	60
Mayflower revolving sprayer, each.....	1 25

CLASS No. 29.

**LAWN MOWERS.**

9" wheel, 4 blades, cutting reel 6" diameter—brass bearings.	
14" cut, each.....	\$5 00
16" cut, each.....	5 50
18" cut, each.....	6 00
8" wheel, 3 blades, cutting reel 5 $\frac{1}{2}$ " diameter.	
14" cut, each.....	3 25
16" cut, each.....	3 50
18" cut, each.....	3 75

**High Wheel (Double Geared.)**

15" cut, 9 $\frac{1}{2}$ " wheel, 6 $\frac{1}{2}$ " 4 blade cylinder, each.....	\$14 50
17" cut, each.....	16 25
19" cut, each.....	18 00
21" cut, each.....	19 75

**High Wheel Ball Bearing (Heavy Construction Best Grade)**

16" cut, 10 $\frac{1}{2}$ " wheel, 6" 5 blade cylinder, each.....	\$12 00
18" cut, each.....	12 50
20" cut, each.....	13 00

**Medium Grade.**



CLASS No. 29—Continued.

High Wheel Ball Bearing.

14" cut, wheels 10½"—6" 4 blade cylinder.....	\$6 50
16" cut, each.....	6 75
18" cut, each.....	7 25
20" cut, each.....	7 50

Light Construction Ball Bearing.

16" cut, 9" wheel, 5½"—4 blade cylinder, each.....	\$5 50
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All Metal Hose Reels.

Capacity 100 ft. ¾ hose, each.....	\$2 00
Capacity 100 ft. ¾ hose, 21" reel, each.....	2 50
Capacity 150 ft. ¾ hose, 24" reel, each.....	3 00
Capacity 100 ft. ¾ hose, 28" reel, each.....	5 50

CLASS No. 30.

School Wagons.

Studebaker School Wagons.

Curtain Side Wagons, Steel Axles.

No. 2820. Length of body, 10', size of axle, 2½", tire 1½" x 9-16", approximate capacity, 16 to 20 children, price.....	\$204 00
No. 2830. Length of body, 12', size of axle, 1½", tire 1½" x 9-16", approximate capacity, 20 to 24 children, price.....	214 50
No. 2840. Length of body, 14', size of axle, 1½", tire, 2" x ½", approximate capacity, 24 to 30 children, price.....	239 00

Curtain Side Wagons, Bar Axles.

No. 2822. Length of body, 10', size of axle, 2½", tire, 1½" x 9-16", approximate capacity, 16 to 20 children, price.....	\$204 00
No. 2832. Length of body, 12', size of axle, 2½", tire, 1½" x 9-16", approximate capacity, 20 to 24 children, price.....	214 50
No. 2842. Length of body, 14', size of axle, 3", tire, 2" x ½", approximate capacity, 24 to 30 children, price.....	239 00

Glass Side Wagons, Steel Axles.

No. 2821. Length of body, 10', size of axle, 1½", tire, 1½" x 9-16", approximate capacity, 16 to 20 children, price.....	\$219 00
No. 2831. Length of body, 12', size of axle, 1½", tire, 1½" x 9-16", approximate capacity, 20 to 24 children, price.....	229 50
No. 2841. Length of body, 14', size of axle, 1½", tire 2" x ½", approximate capacity, 24 to 30 children, price.....	254 00

CLASS No. 30—Continued.

Glass Side Wagons, Bar Axles.

No. 2823. Length of body, 10', size of axle, 2½", tire 1½" x 9-16", approximate capacity, 16 to 20 children, price.....	\$219 00
No. 2833. Length of body, 12', size of axle, 2½", tire, 1½" x 9-16", approximate capacity, 20 to 24 children, price.....	229 50
No. 2843. Length of body, 14', size of axle, 3", tire, 2" x ½", approximate capacity, 24 to 30 children, price.....	254 00
All prices f. o. b. South Bend, Indiana.	
Actual freight to be added if prepaid.	

Extras.

Brake (Shear style).....	\$10 00
Bars protecting windows.....	5 50
Bob sleds.....	37 50
Sled runners (per set).....	28 75
3-Horse hitch.....	20 00
Driver's lamps (per pair).....	7 00
Gong (foot).....	5 00
Push Horn (Auto type).....	3 75
Heater.....	22 00
Toilet (non-flushing).....	20 00

Special Size Tires.

2½" x 1½" on 10 or 12' bus.....	\$8 50
3" x 1½" on 10 or 12' bus.....	13 50
3" x 1½" on 14' bus.....	8 50

School Wagons.

Delphi Wagon Works, Delphi, Ind.

No. 211. 10 ft., glass sides, \$200.00. Curtain and glass.....	\$185 00
No. 211. 12 ft., glass sides, 210.00. Curtain and glass.....	195 00
No. 211. 14 ft., glass sides, 234.00. Curtain and glass.....	219 00

This wagon is a straight side body with front door in right front side as well as rear door. Concord axles and Sarven wheels. Wrot Selle Gear.

No. 411. 10 ft., glass side, \$208.50. Curtain and glass.....	\$193 50
No. 411. 12 ft., glass side, 218.50. Curtain and glass.....	203 50

No. 411 wagon is built on reach gear having short turn fifth wheel and triple elliptic front spring and platform rear, Sarven wheels and drop pole. Concord axles. This is a low down wagon if this kind is desired.

No. 511. 10 ft., glass sides, \$208.50. Curtain and glass.....	\$193 50
No. 511. 12 ft., glass sides, 218.50. Curtain and glass.....	203 50
No. 511. 14 ft., glass sides, 242.50. Curtain and glass.....	227 50

No. 511 wagon has the wide aisle and wide seat. This wagon has Sarven wheels with tire 2" out to out and Selle Wrot iron gear, sliding glass sash with anti-rattling springs as fasteners. All wagons have rear door as well as side front door for driver.

CLASS No. 30—Continued.

**Extras for Wagon Accessories.**

Shear brake foot and hand lever inside, mounted.....	\$10 00
Miller vehicle heater mounted.....	22 00
Screens or bars inside to protect glass.....	5 50
Miller heaters not mounted.....	20 00
Delphi drivers gong.....	5 00
Delphi lamps for wagon per pair.....	7 00

Complete descriptive printed matter mailed upon request.

All prices f. o. b. Delphi, Ind. All goods shipped prepaid and freight added in invoice. Within a radius of about 50 miles wagons delivered by auto just where wanted for less than freight cost. Approximate cost 12½ cents per mile per wagon counting mileage both ways. Two or more for less per wagon.

**The Wayne School Cars and Motors.**

Style No. 0033, School car, glass enclosed, 9' body.....	\$185 00
Style No. 0033, School car, glass enclosed, 12' body.....	205 00
Style No. 0068, School car, glass enclosed, 10' body, (16 to 18 pupils).....	230 00
Style No. 0068, School car, glass enclosed, 12' body, (20 to 22 pupils).....	240 00
Style No. 0068, School car, glass enclosed, 14' body, (25 to 28 pupils).....	265 00
Ford auto truck with 14' body.....	995 00
Ford auto truck with 12' body.....	985 00
Ford chassis with 9' 3" Body.....	625 00

**Accessories.**

Wayne Type heater, mounted on car.....	\$22 50
Wayne type heater, unmounted.....	22 50
Wayne shear brake, steel construction, mounted on car.....	10 00
Wayne shear brake, steel construction, unmounted.....	10 00
Wayne oil auto lamps, mounted on car, per pair.....	6 00
Wayne oil auto lamps, unmounted, with brackets, per pair.....	6 00
Driver's gong, at front, or unmounted.....	4 50
Inside screens, mounted, per set of three.....	5 50
Heavy axles, 1½", per pair, in place of regular.....	5 00
Two inch rims and tires, in place of regular, per set of four.....	5 25
2½" rims and tires in place of regular, per set of four.....	9 00
Drop pole, with neck-yoke or chains, in place of stiff pole.....	4 50
Neck yoke, on stiff pole, in place of chains.....	1 20

Lettering, no charge, with limit restriction (see catalogue).

Prices all based F. O. B. cars, FACTORY.

\$7.50 discount on each wagon where two or more are purchased by same township and shipped together.

CLASS No. 30—Continued.

**Wagon Heaters.**

Miller hot air wagon heater.....	\$20 00
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**Plymouth School Wagons.**

The Plymouth wagon, sash panel, 10 ft.....	\$205 00
The Plymouth wagon, sash panel, 12 ft.....	215 00
The Plymouth wagon, sash panel, 14 ft.....	230 00

Brake extra, \$8.00; Miller heater, extra, \$20.00; 2" tires, extra, \$5.00

Add for freight, extra, \$10.00. For CURTAIN SIDES instead of glass, deduct \$20.00.

**Olsen's School Wagons.**

No. 1 wagon, 9 ft. long, model C, each.....	\$175 00
No. 2 wagon, 10 ft. long, model C, each.....	185 00
No. 3 wagon, 12 ft. long, model C, each.....	195 00
No. 4 wagon, 10 ft. long, model D, glass sides, each.....	205 00
No. 5 wagon, 12 ft. long, model D, glass sides, each.....	215 00
No. 6 wagon, 14 ft. long, model D, glass sides, each.....	235 00

Construction: steel side panels; trimming smooth, imitation leather; solid type top, covered with heavy enameled duck; Sarven patent, hickory wheels; painting, body Brewster green, gear yellow, neatly striped.

**Wagon Extras.**

Foot brake, extra, each.....	\$10 00
Two-inch wheel, extra, each.....	6 50
Miller hot air heater, installed, each.....	20 00

**School Wagons**

**Construction.**

Gear, Selle pattern; wheels, Sarven patent, round edge steel tire bodies, 50 inch wide, ash frames, poplar panels, hand rails on steps. Roof and curtains black oiled sail duck. Cushions and backs, heavy brown sail duck.

Freight prepaid and added to invoice.

**School Wagons.**

Glass enclosed, doors, front and rear, trimmed in chase leather, Sarden wheels, Selle gears, tin top, with 2 coats of paint.

12 ft. body, tire ½"x2½".....	\$225 00
10 ft. body, tire ½"x2½".....	210 00

Same wagon made lighter.

12 ft. body, tire ½"x1½".....	200 00
10 ft. body, tire ½"x1½".....	190 00

Heavy inside center pull brake, extra..... 10 00

Toilet built in 12 ft. wagon, extra..... 10 00

Prices f. o. b. factory, Winchester.

CLASS No. 30—Continued.

No. 18, side curtains, vestibule front, door in rear side, doors in front—	
8 ft. body, each.....	\$158 25
10 ft. body, each.....	170 50
12 ft. body, each.....	183 00
14 ft. body, each.....	210 50
No. 36, combination curtain and glass sides, front and rear doors—	
8 ft. body, each.....	\$172 75
10 ft. body, each.....	186 75
12 ft. body, each.....	201 00
14 ft. body, each.....	221 75
No. 72, full glass sides, front and rear doors—	
8 ft. body, each.....	\$189 75
10 ft. body, each.....	206 50
12 ft. body, each.....	222 75
14 ft. body, each.....	243 00

Accessories.

Brake.....	\$8 25
2 inch tire.....	6 00
Heaters—coal, gasoline or kerosene at market prices. Whistles, horns and gongs, from 25 cents up.	
Motor bodies priced on application.	
Note—Also, all other makes of school wagons, similar in design and equal in quality and price, should be considered by all trustees in addition to the within quotations.	

CLASS No. 31.

PORTABLE DUMPING BOXES

F. O. B. Factory.

1½ yard capacity, each.....	\$42 00
2 yard capacity, each.....	45 00
These boxes are built in two widths—38" and 42" between bolster stakes.	

CLASS No. 32.

BRIDGE SUPERSTRUCTURE.

Concrete.

Steel rods locked together form a unit re-enforcement. 14 ft. roadway requires 11 trusses. 16 ft. roadway requires 12 trusses. Re-enforcement designed for live loading of 200 pounds per square foot.

CLASS No. 32—Continued.

Clear Span of Culvert.	Composition of each Truss.	Price per truss.
5 ft.	4½-inch rods	\$ 1 85
6 ft.	5½-inch rods	2 35
7 ft.	4½-inch rods	3 05
8 ft.	4½-inch rods	3 80
9 ft.	4½-inch rods	4 00
10 ft.	4½-inch rods	4 25
11 ft.	4½-inch rods	4 75
12 ft.	5½-inch rods	6 25
13 ft.	5½-inch rods	6 60
14 ft.	4½-inch rods	8 00
15 ft.	4½-inch rods	8 25
16 ft.	4½-inch rods	9 00
18 ft.	5½-inch rods	12 00
20 ft.	5½-inch rods	13 50

For Complete Bridge.

Clear Span of bridge.	Deck Girder	Through Girder, Steel
20 ft.	\$150 00	\$165 00
22 ft.	175 00	175 00
24 ft.	200 00	190 00
25 ft.	235 00	225 00
28 ft.	280 00	270 00
30 ft.	325 00	315 00

BRIDGE

Standard I-Beam Bridge Superstructures.

Span Ft.	Width Ft.	Joists Beams, Chan-size or Lattice	Railing, Angles	Prices Frt. Paid
6	14	5 and 2x5 in.	2x2x1-4-inch	\$36 40
6	16	6 and 2x5 in.	2x2x1-4-inch	40 00
8	14	5 and 2x5 in.	2x2x1-4-inch	46 80
8	16	6 and 2x5 in.	2x2x1-4-inch	52 50
10	14	5 and 2x5 in.	2x2x1-4-inch	56 00
10	16	6 and 2x5 in.	2x2x1-4-inch	63 00
12	14	5 and 2x6 in.	2x2x1-4-inch	79 50
12	16	6 and 2x6 in.	2x2x1-4-inch	87 00
14	14	5 and 2x6 in.	2x2x1-4-inch	92 50
14	16	6 and 2x6 in.	2x2x1-4-inch	105 00
16	14	5 and 2x7 in.	2x2x1-4-inch	107 50
16	16	6 and 2x7 in.	2x2x1-4-inch	125 00
18	14	5 and 2x7 in.	2x2x1-4-inch	127 80
18	16	6 and 2x7 in.	2x2x1-4-inch	136 00

## CLASS No. 32—Continued.

Span Ft.	Width Ft.	Joists Beams, Chan-size	Railing, Angles or Lattice	Prices Frt. Paid
20	14	5 and 2x8 in.	2x2x1-4-inch	\$150 00
20	16	6 and 2x8 in.	2x2x1-4-inch	176 00
22	14	5 and 2x8 in.	2x2x1-4-inch	178 00
22	16	6 and 2x8 in.	2x2x1-4-inch	192 00
24	14	5 and 2x9 in.	2x2x1-4-inch	210 00
24	16	6 and 2x9 in.	2x2x1-4-inch	240 00
26	14	5 and 2x9 in.	2x2x1-4-inch	246 00
26	16	6 and 2x9 in.	2x2x1-4-inch	274 00
28	14	5 and 2x10 in.	2x2x1-4-inch	286 00
28	16	6 and 2x10 in.	2x2x1-4-inch	320 00

Freight prepaid, subject to market changes.

All bridges complete, with bolts and braces for concrete or wood floor. Channels and railing nicely painted.

If legs are wanted, add to the above prices the cost of the metal at five cents per pound. For lattice railing add 75 cents per foot, length of bridge. For corrugated arches add 10 cents per square foot.

## CLASS No. 33.

## Net Selling Price on Drag and Wheeled Scrapers, Plows, Etc.

All prices F. O. B. Indianapolis, Indiana.

Drag Scrapers	No.	Without runners	With runners	With flat plate
Leader or Acome.....	1	\$6 40	\$6 60	\$7 10
Leader or Acome.....	2	6 10	6 30	6 75
Leader or Acome.....	3	5 85	6 10	6 55
Roopmad.....	1	6 00	6 15	6 60
Roopmad.....	2	5 70	5 80	6 25
Roopmad.....	3	5 50	5 60	6 10
Contractors' Favorite No. 1 with pressed double bottom.....				\$7 95
Contractor's Favorite No. 2 with pressed double bottom.....				7 60
Utah tongue scraper No. 1.....				5 70
Utah tongue scraper, No. 2.....				5 55
Utah tongue scraper No. 3.....				5 40
Crescent ditching scraper No. 1.....				9 70
Crescent ditching scraper No. 2.....				9 35
Crescent ditching scraper No. 3.....				9 00
Flat Board scraper (Doan Pat.) No. 0.....				5 35
Hummer wheeled scraper No. 1.....				34 70
Hummer wheeled scraper No. 2.....				42 70
Hummer wheeled scraper No. 2½.....				47 40

## CLASS No. 33—Continued.

Hummer wheeled scraper No. 3.....	\$50 70
Extra for snatch rods on No. 2.....	1 35
Extra for apron on No. 1.....	4 70
Extra for apron on Nos. 2 and 2½.....	5 00
Extra for apron on No. 3.....	5 35
Snatch rods on Nos. 3 and 2½.....	no charge
All Right wheeled scraper No. 1.....	36 00
All Right wheeled scraper No. 2.....	45 40
All Right wheeled scraper No. 2½.....	50 00
All Right wheeled scraper No. 3.....	53 40
Snatch rods and aprons on the All Right same as for the Hummer.	
Front truck for Adams four wheeled scraper.....	24 70
Fresno scraper No. 1.....	18 70
Fresno scraper No. 2.....	18 00
Fresno scraper No. 3.....	17 35
Fresno scraper No. 4.....	16 00

## Galion Drag Scrapers.

No. 1 without runners.....	\$6 45
No. 2 without runners.....	6 10
No. 3 without runners.....	5 85
No. 1 with runners.....	6 60
No. 2 with runners.....	6 30
No. 3 with runners.....	6 10
No. 1 with double bottom.....	7 05
No. 2 with double bottom.....	6 70
No. 3 with double bottom.....	6 55

## Galion Wheel Scrapers

No. 1 with wood hub.....	\$34 80
No. 2 with wood hub.....	45 60
No. 2½ with wood hub.....	49 20

## Galion Fresno Scrapers

No. 1 Four horse.....	\$18 00
No. 2 Two or four horse.....	17 40
No. 3 Two horse.....	16 80

## Galion Side Scraper or Galion Ditching Scraper.

No. 1.....	\$9 10
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## Road Drags.

1—7 foot, single drag.....	\$17 50
1—7 or 8 foot, six adjustment drag, 6" blades.....	19 00
1—7 or 8 foot, six adjustment drag, 8" blades.....	20 00
1—7 or 8 foot, two lever drag.....	25 00

CLASS No. 33—Continued.

1—8 foot single drag, extra strong	\$25 00
1—3-way road drag	59 00
Columbia special wood platform only, weight 180 lbs.	10 00
National, all steel, weight 220 lbs.	15 00
Competitor lever adjustable 84" blade, weight 270 lbs.	20 00
Standard lever, adjustable 84" blade, weight 270 lbs.	22 00
Standard lever, adjustable 90" blade, weight 280 lbs.	25 00
Standard lever, adjustable 96" blade, weight 305 lbs.	27 00
Standard lever, adjustable 120" blade, weight 400 lbs.	35 00
Triplex lever, adjustable 90" blade, weight 405 lbs.	25 00
Triplex lever, adjustable 96" blade, weight 415 lbs.	27 00
Galion three-way drag, small, weight 750 lbs.	60 00
Galion three-way drag, large, weight 1,000 lbs.	85 00

Road Scrapers.

Heavy round back solid pressed, two runners, Nos. 1, 2, 3, capacity 7, 5, 3, cu. ft., price, each	\$9 25	\$9 00	\$8 75
Wheel scrapers, 3 sizes, lighter grade, each	9 00	8 75	8 50

Road Scrapers.

No. 1, Heavy solid steel, with heavy shoes	\$8 75
No. 2, Heavy solid steel, with heavy shoes	8 50
No. 3, Heavy solid steel, with heavy shoes	8 00

Wheel Scrapers.

Wood wheel, large size	\$49 00
Wood wheel, medium size	47 50
Steel wheel, medium size	48 00

Road Drags.

Four horse, reversible and adjustable, all steel	\$22 50
Adjustable, lever, all steel	20 00
Adjustable, lever, all steel offset	18 35
Calumet 7 ft. adjustable, lever	35 00
Dodge 7 ft. adjustable, lever	25 00
King rigid	28 00

Syracuse Drag Scrapers—Heavy Shoes, Trays of Heavy Steel.

Terms: 2 per cent discount for cash in 10 days.

Number	Capacity	Length	Width	Depth	Price each
3	3 cu. ft.	30 in.	27½ in.	9½ in.	\$7 50
2	5 cu. ft.	31 in.	28 in.	10½ in.	7 75
1	7 cu. ft.	32½ in.	31 in.	11½ in.	8 25
0	9 cu. ft.	38 in.	34 in.	13 in.	12 25

CLASS No. 33—Continued.

Special Drag Scrapers

Terms: 2 per cent discount for cash in 10 days.

Number	Capacity	Length	Width	Depth	Price
3	3 cu. ft.	30 in.	27½ in.	9½ in.	\$6 15
2	5 cu. ft.	31 in.	28 in.	10½ in.	6 40
1	7 cu. ft.	32½ in.	31 in.	11½ in.	6 70

All prices are f. o. b. any steam or electric railroad station in the State of Indiana.

Subject to market changes.

Road Drags

Panama special engine, 3-way drag, weight 1,000 lbs.	\$100 00
Panama 3-way drag for horse use, weight 650 lbs.	50 00
Township winner drag, 8' blade, weight 350 lbs.	25 00
Township winner double lever drag, weight 375 lbs.	27 50
Panama No. 1 drag, 7' or 8' blade, weight 325 lbs.	23 50
Panama No. 1 drag, three blade, weight 450 lbs.	27 50
Panama No. 2 drag, 7' or 8' blade, weight 275 lbs.	20 00
Panama simplex drag, weight 250 lbs.	15 00
Seats furnished, extra at	2 25
Extra blades, 8' or 7'	2 50

CLASS No. 34.

Graders.

Little Winner grader	\$160 00
National Reversible grader	200 00
Big Winner reversible grader	325 00
National Hercules Engine grader	450 00
Engine hitch for Hercules or Big Winner	50 00
Panama Leader road grader, weight 2,800 lbs.	260 00
Panama Standard road grader, weight 2,300 lbs.	215 00
Panama Township special road grader, weight 1,750 lbs.	160 00
Little Panama road grader, weight 1,150 lbs.	125 00
Boston road grader, weight 1,000 lbs.	100 00
Baby Boston road grader, weight 700 lbs.	75 00
Panama Giant road grader, with scarifier attachment and steering device and engine offset pole, weight 5,000 lbs.	525 00
Panama Giant road grader, with steering device and offset pole, 4,000 lbs.	400 00
Panama Giant road grader for horse use, weight 3,600 lbs.	365 00
For steering device on Panama Leader, add	60 00

CLASS No. 34—Continued.

Road Graders.

Two to four horse, light.....	\$185 00
Four to six horse, general purpose.....	210 00
Six to eight horse or engine.....	285 00

Premier Line.	Weight	Price
Little Premier Grader.....	1,400	\$150 00
Light Premier grader.....	1,700	200 00
Standard Premier grader.....	2,450	300 00
No. 8 Premier engine grader with horse equipment (steering gear extra).....	3,000	400 00
No. 10 Premier engine grader with 10' mouldboard and engine steering gear.....	5,000	700 00
Giant premier grader with 12' mouldboard and engine steering gear.....	6,000	750 00

Ideal Line	Weight	Price
Little Ideal grader.....	1,600	\$200 00
Ideal grader.....	3,250	350 00
Ideal engine grader.....	3,500	400 00
Giant Ideal engine grader.....	3,750	450 00
Giant Ideal engine grader No. 10.....	3,950	500 00

Universal Line	Weight	Price
Universal Grader 8 ft.....	2,800	\$300 00
Universal engine grader.....	3,200	350 00
Worm gear furnished on machines \$10.00 extra.		

The following prices effective on and after April 1, 1917, prices on graders, drags and accessories, which prices must be maintained, are as follows:

Leaning Wheel Road Graders.

	Selling prices delivered
Reclamation ditcher with steerable tongue, 12 ft. blade.....	\$917 00
Giant road king, with steerable tongue, 10 ft. blade.....	784 00
Road king special, with steerable tongue, 8 ft. blade.....	582 00
Road king with horse equipment, 8 ft. blade.....	465 00
Road king with steerable tongue only, 8 ft. blade.....	505 00
King Junior, with horse equipment, 7 ft. blade.....	400 00
King Junior, with shiftable mold with horse equipment, 7 ft. blade.....	412 00
Square deal No. 1, with 4 horse equipment, 6 ft. blade.....	200 00
Square deal No. 2, with 4 horse equipment, 6½ ft. blade.....	250 00
Square deal No. 5, with 4 horse equipment, 7 ft. blade.....	364 00
Square deal No. 6, with 4 horse equipment, 7 ft. blade.....	475 00

CLASS No. 34—Continued.

Square deal No. 7, with 4 horse equipment, 8 ft. blade.....	\$480 00
Square deal No. 7, with steerable tongue only, 8 ft. blade.....	520 00
Square deal No. 8, with steerable tongue only, 8 ft. blade.....	656 00
Steerable engine tongue.....	64 00
Scarifier for ditcher, Giant, Special, King or Junior.....	64 00

Road Drags.

Adams three-way drag, No. 1.....	\$59 00
Adams engine drag, No. 8.....	144 00
Adams engine drag, No. 10.....	158 00
2 blade Peerless drag, 8'x6".....	20 70
2 blade Peerless drag, 7'x6".....	19 60
2 blade Peerless drag, 8'x8".....	22 80
2 blade Peerless drag, 7'x8".....	21 45
3 blade Peerless drag, 8'x6".....	27 65
Eclipse Drag, 7'x6".....	14 65

Reduce selling price 50 cents per drag on orders for 5 or more.

Repairs for above machine list f. o. b. Indianapolis.

Grader blades for any make of grader using blades of standard section, not over 8' long, with bolts.....	\$7 00
Grader blades for any make of grader using blades of standard section, not over 7' long, with bolts.....	6 50
Blade for Giant Road King, 10 ft.....	10 00
Blade for Reclamation Ditcher, 12 ft.....	12 00

CLASS No. 35.

ROAD PLOWS.

Four horse, extra share.....	\$27 50
Four to six horses, all steel.....	35 00
Rooter plow malleable iron beam double, each.....	39 50
Freight prepaid. Reversible steel point steel handles, weight 267 lbs.	

Contractors Plows.

Terms: 4 per cent discount for cash in 30 days.

Contractors plow 2 or 4 horse, hard iron wearing parts, extra heavy beam, share and strip. Steel wheel frame, loop handle wear irons. Will turn furrow 5 to 9 inches deep, and 12 to 15 in- ches wide each.....	\$19 25
Extra heavy grading plow, suitable for severe grading purposes in shale or hard pan. Steel truss beam, steel moldboard and landside. Separate shin piece; adjustable shoe; loop handle wear irons, each.....	39 50

CLASS No. 35—Continued.

Pavement or pick plow, adjustable and double reversible crucible steel point. Adjustable shoe, loop handle wear irons, especially adapted to tearing up cobblestones or macadam pavement, each..... \$30 75  
All prices are f. o. b. any steam or electric railroad station in the state of Indiana.

Subject to market changes.

Plows.

Early Bird No. 0.....	\$21 40
Early Bird No. 1.....	23 40
Early Bird No. 2.....	27 40
Early Bird No. 3.....	33 40
Extra point on No. 0.....	4 70
Extra point on No. 1.....	4 90
Extra point on No. 2.....	5 35
Extra point on No. 3.....	6 00

F. O. B. Indianapolis.

Notice: Above prices are for plows with only one point.

Rooter plow.....	\$28 75
No. 8 light cast semi-steel beam rooter.....	25 00
No. 9 heavy cast semi-steel beam rooter.....	30 00
No. 77, width of furrow 10 inches.....	19 20
No. 0, width of furrow, 12 inches.....	21 60
No. 1, width of furrow, 12 inches.....	25 25
No. 2, width of furrow, 12 inches.....	30 00
No. 0, Road Plow, 2 or 4 horses.....	25 00
No. 1, Road Plow, 4 horses, extra heavy.....	25 00
Extra share for No. 1.....	5 00

NOTE: ALSO, ALL OTHER MAKES OF SCRAPERS, DRAGS AND PLOWS SIMILAR IN DESIGN AND EQUAL IN QUALITY AND PRICE, SHOULD BE CONSIDERED BY ALL TRUSTEES IN ADDITION TO THE WITHIN QUOTATIONS.

CLASS No. 36.

CULVERTS.

Armed Iron Culverts.

16 gauge, 10 inch diameter inside, net price per foot.....	\$1 07
16 gauge, 12 inch diameter inside, net price per foot.....	1 26
16 gauge, 15 inch diameter inside, net price per foot.....	1 54

CLASS No. 36—Continued.

16 gauge, 16 inch diameter inside, net price per foot.....	\$ 1 66
16 gauge, 18 inch diameter inside, net price per foot.....	1 85
16 gauge, 20 inch diameter inside, net price per foot.....	2 10
14 gauge, 24 inch diameter inside, net price per foot.....	3 00
14 gauge, 30 inch diameter inside, net price per foot.....	3 72
14 gauge, 36 inch diameter inside, net price per foot.....	4 43
14 gauge, 42 inch diameter inside, net price per foot.....	5 15
14 gauge, 48 inch diameter inside, net price per foot.....	6 00
12 gauge, 60 inch diameter inside, net price per foot.....	10 25
12 gauge, 72 inch diameter inside, net price per foot.....	12 25

F. O. B. destination.

Cast Iron Culvert Pipe.

8 inch diameter inside, net price per foot.....	\$ 95
10 inch diameter inside, net price per foot.....	1 20
12 inch diameter, inside, net price per foot.....	1 40
14 inch diameter inside, net price per foot.....	1 80
16 inch diameter inside, net price per foot.....	2 20
18 inch diameter inside, net price per foot.....	2 60
20 inch diameter inside, net price per foot.....	2 95
24 inch diameter inside, net price per foot.....	3 65
30 inch diameter inside, net price per foot.....	4 75
36 inch diameter inside, net price per foot.....	6 80
42 inch diameter inside, net price per foot.....	10 50
48 inch diameter inside, net price per foot.....	12 75

F. O. B. destination.

Corrugated Iron Culverts.

Freight paid.

Diameter.	Gauge.	Price.
10 in.	16	\$ 85
12 in.	16	1 00
15 in.	16	1 25
16 in.	16	1 40
18 in.	16	1 50
20 in.	16	1 70
24 in.	16	2 00
24 in.	14	2 50
30 in.	16	2 60
30 in.	14	3 15
36 in.	14	3 75
42 in.	14	4 35
48 in.	14	5 00
60 in.	12	8 60

55

CLASS No. 36—Continued.

**Culverts.**

Toncan Metal—99.84 per cent pure iron.

Diameter.	Gauge.	Price.
8 in.	16	\$ 75
10 in.	16	85
12 in.	16	1 00
14 in.	16	1 15
15 in.	16	1 25
16 in.	16	1 40
18 in.	16	1 50
20 in.	16	1 70
24 in.	16	1 90
24 in.	15	2 10
24 in.	14	2 30
30 in.	14	3 15
36 in.	14	3 75
42 in.	14	4 35
48 in.	14	5 00
48 in.	12	6 85
60 in.	12	8 60
60 in.	10	9 85
72 in.	12	10 35
72 in.	10	13 15

**Corrugated Galvanized Culverts.**

Universal Price List.

For Class "A" Base Metal.

Diameter	Ft. Price of	Ft. Price of	Ft. Price of	Ft. Price of
Pipe	No. 16	No. 14	No. 12	No. 10
	Gauge	Gauge	Gauge	Gauge
10 in.	\$ 85	\$1 05	\$1 45	\$1 65
12 in.	1 00	1 25	1 70	2 20
15 in.	1 25	1 55	2 15	2 75
18 in.	1 50	1 85	2 60	3 30
20 in.	1 70	2 10	2 90	3 65
24 in.	2 00	2 50	3 45	4 40
30 in.	2 50	3 15	4 30	5 50
36 in.	3 00	3 75	5 15	6 60
42 in.	3 50	4 35	6 05	7 65
48 in.	4 00	5 00	5 85	8 70
60 in.	5 05	6 25	8 60	11 00
72 in.	6 05	7 45	10 30	13 15

Discount for class "B" base metal, 10 per cent.

Discount for class "C" base metal, 20 per cent.

Freight allowed 300 miles. Highway sizes.

CLASS No. 36—Continued.

**Description.**

Base Metal Culvert Iron is refined in open hearth furnaces to reduce the five metaloids (carbon, sulphur, phosphorus and manganese.)

In class "A" (pure iron) the metaloids shall not exceed  $\frac{1}{4}$  of 1 per cent (.0025.)

In class "B" (copper bearing iron) the metaloids shall not exceed  $\frac{3}{4}$  of 1 per cent (.007) and shall contain 20 hundredths per cent copper.

In class "C" (normal open hearth mild steel) the metaloids shall approximate 1 per cent.

Galvanizing:  $1\frac{1}{2}$  oz. per sq. ft. (2 sides.)

Corrugations—9 to 2 ft.,  $\frac{1}{4}$ " deep.

**Galvanized Metal for Culverts.**

Corrugated and formed into arches for half circle culverts with masonry or iron bases.

**Half Cylinder Arches.**

Size, span.....18 in. 24 in. 30 in. 36 in. 48 in.  
Price per foot class "A" base metal....\$ 70 \$ 90 \$1 10 \$1 35 \$1 80

Discount for class "B" metal 10 per cent. Class "C", 20 per cent.  
Iron basis at half arch prices. Freight allowed 300 miles.

F. O. B. destination.

**COVERING.**

**Culvert Pipe.**

**Cast Iron**

Name of Pipe	Diameter	Price per foot
Ideal	8 inch	\$ 90
Ideal	10 inch	1 15
Ideal	12 inch	1 40
Ideal	14 inch	1 80
Ideal	16 inch	2 25
Ideal	18 inch	2 65
Ideal	20 inch	3 00
Ideal	24 inch	3 75
Ideal	30 inch	5 00
Ideal	36 inch	7 00
Ideal	48 inch	12 00



CLASS No. 36—Continued.

Cast Iron Pipe.

Perfection	8 inch	\$ 90
Perfection	10 inch	1 15
Perfection	12 inch	1 40
Perfection	14 inch	1 80
Perfection	16 inch	2 25
Perfection	18 inch	2 65
Perfection	20 inch	3 00
Perfection	24 inch	3 75
Perfection	30 inch	5 00
Perfection	36 inch	7 00
Perfection	48 inch	12 00

Discount for quantity—

\$100 to \$300 less 10 per cent.

\$300 to \$500 less 15 per cent.

In excess of \$500 less 20 per cent.

Corrugated Iron Culvert Pipe.

Name of Pipe.	Diameter	Price per ft.
Sterling	10 inch	\$1 00
Sterling	12 inch	1 20
Sterling	14 inch	1 40
Sterling	15 inch	1 45
Sterling	16 inch	1 60
Sterling	18 inch	1 70
Sterling	20 inch	2 00
Sterling	24 inch	2 40
Sterling	30 inch	3 25
Sterling	36 inch	4 00
Sterling	42 inch	4 60
Sterling	48 inch	6 50
Sterling	60 inch	8 50
Sterling	72 inch	11 00
Excelsior	10 inch	1 00
Excelsior	12 inch	1 20
Excelsior	14 inch	1 40
Excelsior	15 inch	1 45
Excelsior	16 inch	1 60
Excelsior	18 inch	1 70
Excelsior	20 inch	2 00
Excelsior	24 inch	2 40
Excelsior	30 inch	3 25
Excelsior	36 inch	4 00

CLASS No. 36—Continued.

Name of Pipe.	Diameter	Price per ft.
Excelsior	42 inch	\$4 60
Excelsior	48 inch	6 50
Excelsior	60 inch	8 50
Excelsior	72 inch	11 00
Up to \$100 less 5 per cent.		
In excess of \$100 less 10 per cent.		

NOTE: ALSO, ALL OTHER MAKES OF CULVERTS, SIMILAR IN DESIGN AND EQUAL IN QUALITY AND PRICE, SHOULD BE CONSIDERED BY ALL TRUSTEES IN ADDITION TO THE WITHIN QUOTATIONS.

CLASS No. 37.

PLAYGROUND MATERIAL.

Large double coaster slide 14', with two chutes 30' long, single or double stairway, each.....	\$150 00 to \$175 00
Large single coaster or wave slide, large platform, metal stairway, each.....	110 00
School slide, wave effect, 8' high, 16' long, large platform, wooden or metal stairway, each.....	40 00
Playground slide, 8' high, 10' long, each.....	30 00
Kindergarten slide, 5' high, 10' long, each.....	10 00
Kindergarten slide, 6' high, 12' long, each.....	13 00
Kindergarten slide, 7' high, 14' long, each.....	17 00
Giant stride or May Pole, ball and roller-bearing, head 4½" steel pipe 18' long, metal ladders with wooden rungs, each.....	30 00
Same thing without pipe, each.....	20 00
Ocean wave, 36' circle, 4½" pipe support, 12' high, all steel and hard wood, each.....	45 00
Outdoor gymnasium, containing horizontal bar, climbing ladders and climbing poles, aluminum flying rings, swings and trapeze, complete without pipe, each.....	70 00
Pipe extra, each.....	70 00
Aluminum flying rings with roller bearing hangers, per pair, complete, each.....	8 00
Swing with long links, chains, roller-bearing hangers, complete, each.....	8 00
Horizontal bar, cold roll steel with fittings, each.....	6 00
Trapeze with roller-bearing hangers, machine chains cold roll steel, each.....	5 00
Climbing poles, complete with hangers, each.....	5 00
Traveling ring outfit, with aluminum traveling rings, roller-bearing hangers, all fittings for six swings, complete without pipe, each.....	32 00
Horizontal ladders, 16' long, all steel, hot galvanized, each.....	42 00

CLASS No. 37—Continued.

6-swing outfit, 12' high, all steel, roller-bearing all fittings complete without pipe, each.....	\$45 00
Kindergarten swing outfit with roller-bearing hangers, per swing.....	4 50
Baby seats or basket swings with roller bearing hangers, each.....	4 00
See-saw outfit, single, each.....	10 00
Four board without pipe, each.....	40 00
Lawn swings, with frame, each.....	20 00
Horizontal bar outfit, all steel stationary with pipe.....	16 00
Parallel bars, all steel, each.....	18 00
Vaulting horse, complete, aluminum handles, each.....	30 00
Basketball stops, galvanized sheet steel, perforated, per pair.....	30 00
Jumping standards, stationary.....	7 00
Portable with 25 lb. base.....	20 50
Three-swing outfit, all steel, complete with galvanized pipe.....	30 00
Six swings, complete with galvanized pipe.....	60 00

F. O. B. Factory

Note: Also, all other makes of playground material similar in design and equal in quality and price should be considered by all trustees in addition to the within quotations.

Baseballs—

"City League"—Horse hide cover, regulation size, each.....	\$ 50
"College League"—Horse hide cover, regulation size.....	75

Catcher's Mitts—

Men's size, napa tanned leather, each.....	75
Men's size, California tanned leather, each.....	1 00
Men's size, horse hide, each.....	2 00

Fielders' Gloves—

Boys Special, each.....	1 00
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Masks—

Electric Blued Steel Wire, each.....	1 00
Extra heavy Bessemer steel, each.....	2 50

Body Protector—

Heavy canvas, quilted and padded, each.....	1 75
Boys inflated protectors, each.....	3 50

Leg Guards—

Knee pad of leather, leg piece fitted with reeds, per pair.....	3 50
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Baseball Bats—

Ash wood, 30 inches long, each.....	10
Junior league, 32 inches long, each.....	25
Second growth ash, 32 inches to 35 inches, each.....	50
Hand turned 32 inches to 36 inches, each.....	75

Baseball Bases—

Canvas, not stuffed, per set.....	1 85
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CLASS No. 37—Continued.

Tennis Rackets—

Planet, each.....	\$ 1 00
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Tennis Nets—

36 ft., 15 thread, not bound, each.....	1 25
36 ft., 15 thread, canvas bound, each.....	1 75
42 ft., 21 thread, canvas bound, each.....	3 00
No. 14½ net posts, per pair.....	2 00

Tennis Balls—

	Each	Per doz.
W. & D.—Deuce for practice.....	\$ 25	3 00
W. & D.—Championship.....	40	4 00
Goodrich—Championship.....	40	4 00
Ayers—English.....	40	4 00

Postage, extra, 3 cents.

CLASS No. 38.

VOCATIONAL DIVISION.

Attention is called to the State Course of Study issued by the State Superintendent of Public Instruction for the information of trustees, teachers and county superintendents relative to the teaching of Industrial Arts and Domestic Science in the rural, town and city schools.

Library Equipment for Cooking in Rural Schools.

Helpful Texts.	Prices.
Austin, Bertha—Domestic Science Book, 1 and 2, Lyons and Carnahan, Chicago, Ill. 1914, each.....	\$ 60
Farmer, Fanny M.—Boston School Cook Book, Whitecomb & Barrows, Boston, Mass. 1906. Each.....	2 00
Hill, Janet M.—Practical Cooking & Serving, Whitecomb & Barrows, Boston, Mass. 1912. Each.....	1 50
Hill, Janet M.—Up-to-date Waitress. Whitecomb & Barrows, Boston, Mass. 1906. Each.....	1 50
Longworthy, C. F.—Food Charts showing comparison of food materials, U. S. Department of Agriculture, Washington, D. C. Each.....	1 00
Fried, Lilla P.—Cooking Books 1-2, Industrial Book and Equipment Co., Indianapolis, Ind. Each.....	1 00
Crane, Geo. F.—Chicago. Principles of Nutrition, Nutritive Value of Foods—What to eat; Economy in Eating.....	3 75
Kinney & Cooley—Foods and Household Management, MacMillan Co., Chicago, Ill. 1914. Each.....	1 10
Richards, Ellen H.—First Lessons in Food and Diet. Whitecomb & Barrows, Boston, Mass. 1914. Each.....	30
Williams & Fisher—Elements of the Theory and Practice of Cookery, MacMillan Co., Chicago, Ill. 1911. Each.....	1 00

CLASS No. 38—Continued.

Greer—Text Book of Cooking, Allyn & Bacon, Chicago, Ill.....	\$ 1 00
Farmers Bulletin U. S. Department of Agriculture, Washington, D. C.....	
Kinney & Cooley—Foods and Health, MacMillan Co., Chicago, Illinois.....	1 00
Metcalf, Martha L.—Students Manual in Household Arts, Food and Cookery, Industrial Education Co., Indianapolis, Ind.....	80
Wellman—Food Study, Little, Brown & Co., Chicago, Ill.....	1 00

Equipment for Practice Work in Cooking in Rural Schools.

Note: The State Department does not recommend practice work in cooking in the one room rural schools unless a separate room or compartment for the work is available.

1 oil stove (single burner).....	\$3 50	2 plates, 6 in. white china.....	\$ 18
1 oven.....	1 54	4 thick white plates 8".....	40
1 work table.....	3 55	6 white cups and saucers.....	84
1 stew kettle, 4 qt. gray en.....	42	1 wooden spoon 8".....	12
1 tin measuring cup.....	08	1 pie pan, seamless, 9".....	07
4 tablespoons.....	17	1 frying pan, 10".....	19
6 teaspoons.....	22	1 tin lid, 10".....	07
1 spatula, 5".....	29	2 dish pans, 10 qt.....	1 00
1 metal knife.....	28		
6 knives.....	35	1 rolling pin, 10".....	17
6 forks.....	35	2 paring knives, aluminum.....	46
2 metal forks.....	30	1 Dover egg beater, small.....	12
1 pt. mixing bowls, No. 12 crockery.....	23	1 wash basin, gray.....	15
1 bread mixing bowl, 2 qt. No. 16 gray.....	23	1 flour sifter, Hunter.....	23
6 drinking glasses.....	42	1 soap dish, wire.....	07
1 tea kettle, gray.....	60	1 garbage pail, galv. 6 gal.....	50
		Cost delivered.....	\$17 10

General Equipment for Cooking in Town and City Schools.

Suggested by State Department.

(See State course of study.)

	Medium.	Good Quality.
1 range, with reservoir.....	\$20 00	\$33 00
Cupboard for supplies and equipment, wood.....	13 00	wood 4 ft..... 21 65
1 sink, 18x24", porcelain enamel.....	4 75	same 20x36"..... 6 00
1 supply table, wood.....	3 30	steel..... 16 00
1 refrigerator, 75 lb. capacity.....	11 40	Refrig. 100-lb..... 21 00
1 window box for cold storage, to be made by boys.....		

CLASS No. 38—Continued.

	Medium.	Good Quality.
6 supply cans, each.....	\$0 22	Glass jars, per set..... \$0 99
8 jars for supplies, Mason qt., each.....	09	
4 large mixing bowls, gray enamel, each.....	24	blue..... 37
2 large stew kettles, gray enamel, each.....	42	blue..... 59
1 frying pan and wire basket for same.....	33	
1 bread knife.....	27	
2 paring knives, each.....	13	
1 medium coffee pot, 3 qt., gray enamel.....	46	3 qt. blue..... 70
1 tea pot, 2 qt. gray.....	43	3 qt. blue..... 61
1 roaster.....	1 70	
4 pie pans, large 10", tin, each.....	07	blue..... 20
4 bread pans, large, each.....	19	
1 steamer.....	43	
1 meat grinder.....	1 00	
2 chopping bowl, 15", and knife, each.....		1 25
1 large pitcher, gray, 4 qt.....	66	blue, 4 qt..... 99
1 garbage can, galvanized, 6 gal.....	1 00	No. 04..... 1 25
1 flour sifter.....	17	
1 can opener.....	11	Peerless..... 13
1 lemon squeezer, wood, No. 1.....	14	Glass..... 14
1 butcher knife.....	30	
1 large earthen baking dish.....	33	
1 broom.....	44	
1 dust pan.....	11	
1 ice cream freezer, 2 qt.....	2 20	4 qt..... 3 30
1 work table (2 spaces).....	16 00	
1 Dover egg beater, small.....	11	Large..... 13
1 grater.....	07	
1 cake pan, individual, No. 1.....	10	
1 puree sieve.....		
1 2 1/2" cruller cutter.....	04	
1 gem tin, 6 muffins.....	16	
1 double boiler, gray, 2 qt.....	45	blue, 2 qt..... 88
1 each, salt & pepper shakes, alum'm.....	12	Aluminum..... 12
1 scrubbing brush.....	07	
1 soap dish.....	06	
1 match box.....	08	
1 bread board, if not with desk.....	55	
1 cork screw.....	09	
1 wire soap shaker.....	12	
1 brush, stove.....	12	
1 platform scale, 24 lbs.....	2 00	
1 potato ricer.....	33	
1 bowl, small, crockery.....	21	
1 bowl, medium, crockery.....	26	
6 saucers, fruit, 4" white China.....	48	

## CLASS No. 38—Continued.

	Medium	Good Quality.
1 lamp chimney.....	\$0 07	
3 baking sheets, 10x14.....	60	
2 sauce pans, 2 qt.....	36	
1 sauce pan, 4 qt.....	48	
1 dipper, 1 qt.....	26	
1 wash basin.....	33	

## List No. 1.—One of each article needed for EACH pupil in the class.

Name of Utensil.	Number of Pupils in class.						Each
	4	8	12	16	20	24	
	Number of Utensils required.						
Custard cup.....	4	8	12	16	20	24	\$ 40
Biscuit cutter, 2 in.....	4	8	12	16	20	24	06
Muffin tin, individual.....	4	8	12	16	20	24	06
Measuring cup, tin, 1-4s and 1-3s.....	4	8	12	16	20	24	06
Glass tumbler.....	4	8	12	16	20	24	07
Wooden spoon, French cook, 8 in.....	4	8	12	16	20	24	12
Case knife.....	4	8	12	16	20	24	08
Vegetable knife.....	4	8	12	16	20	24	23
Tablespoon, heavy tinned.....	4	8	12	16	20	24	05
Teaspoon, heavy tinned.....	4	8	12	16	20	24	03
Coffee spoon, aluminum.....	4	8	12	16	20	24	06
Bowl, white china.....	4	8	12	16	20	24	17
Saucer, fruit, 4 in., white china.....	4	8	12	16	20	24	08
Plate, 6 in., white china.....	4	8	12	16	20	24	11
Fork.....	4	8	12	16	20	24	08
Spatula, 5 in.....	4	8	12	16	20	24	29
Dish pan, 10 qt., blue.....	4	8	12	16	20	24	85
Fry pan, 6 inches, Acme.....	4	8	12	16	20	24	10
Bread tin, 5x3x2.....	4	8	12	16	20	24	13
Saucepan, individual, azure enamel.....							
Saucepan, cover, azure enamel ware.....	4	8	12	16	20	24	45
Pie tin, 6 inches.....	4	8	12	16	20	24	05

Total price of one set..... \$3 53

## List No. 2.—One of each article needed for EACH TWO pupils in class.

Name of Utensil.	Number of pupils in class.						Each
	4	8	12	16	20	24	
	Number of utensils required.						
Salt shaker, aluminum.....	2	4	6	8	10	12	\$ 12
Pepper shaker, aluminum.....	2	4	6	8	10	12	12
Jelly glass.....	2	4	6	8	10	12	05
Flour dredge, japanned.....	2	4	6	8	10	12	08

## CLASS No. 38—Continued.

Name of Utensil.	Number of Pupils in class.						Each
	4	8	12	16	20	24	
	Number of utensils required.						
Rolling pin, wood, small.....	2	4	6	8	10	12	\$0 14
Egg beater, wire.....	2	4	6	8	10	12	06
Asbestos mat, 9 inch.....	2	4	6	8	10	12	05
Spatula, 5 inch.....	2	4	6	8	10	12	29
Vegetable brush.....	2	4	6	8	10	12	07
Double boiler, individual, 1 qt. azure.....	2	4	6	8	10	12	82
Grater, 6 inch.....	2	4	6	8	10	12	08
Egg beater, small.....	2	4	6	8	10	12	11
Wire strainer.....	2	4	6	8	10	12	08
Dredge, not japanned (shaker for dry cleaner.....	2	4	6	8	10	12	68
Cake tin, 10 inch.....	2	4	6	8	10	12	08
Soap dish, wire on feet.....	2	4	6	8	10	12	06
Scrub brush.....	2	4	6	8	10	12	06

Total price of one set..... \$2 35

## Tables, Heating Apparatus, Stools.

Note:—Certain makes or kinds are indicated to show the quality you should receive at these prices. Substitutions may be made provided you secure the same quality at no greater price.

## Tables.

## Wood.

Christiansen No. 6, without gas burners, each.....	\$29 62
Christiansen No. 8, without gas burners, each.....	29 62
Christiansen No. 6, with gas burners, each.....	35 47
Christiansen No. 8, with gas burners, each.....	35 47
Christiansen No. 7, with gas burners, each.....	26 46

## Wood Domestic Science tables.

No. 2 W—Wood Top—I. B. E. table, oak.....	\$25 00
No. 2 P—Porcelain—I. B. E. table, oak.....	30 50
No. 2 S—Sanistone Composition Top, I. B. E. table, oak.....	29 50

## Steel.

Columbia No. 2, each.....	\$22 60
Columbia No. 4, each.....	33 75
Columbia No. 22, each.....	22 85
Columbia No. 24, each.....	37 15
Columbia No. 32, each.....	26 05
Columbia No. 34, each.....	43 50

CLASS No. 38—Continued.

Columbia No. 20, each.....	\$20 30
Columbia No. 40, each.....	33 10
Columbia No. 26, each.....	23 10
Columbia No. 46, each.....	37 75
Columbia No. 102, each.....	14 55
Columbia No. 104, each.....	23 90

Freight Prepaid.

**Heating Apparatus.**

Oil (All these stoves are without cabinets.)

One burner, Perfection No. 61, each.....	\$3 50
Two burner, Perfection No. 62, each.....	7 50
Two burner, Perfection No. 32 or No. 22 Puritan, each.....	10 30
Three burner, Perfection No. 33 or No. 23 Puritan, each.....	14 00
Four burner, Perfection No. 34 or No. 24 Puritan, each.....	17 60

**Alcohol.**

One burner, stove each.....	\$5 00
Two burner stove, each.....	8 33
Three burner stove, each.....	11 00

**Gas.**

Range, 6 burners.....	\$20 00
Range with elevated oven, each.....	31 00
Hot plate, 1 burner, each.....	1 92
Hot plate, 1 burner, nickel, each.....	2 03
Hot plate, 2 burner, each.....	3 63
Hot plate, 3 burner, each.....	4 95
Swinging hot plate, each.....	4 00

Gas producing plants for lighting building and furnishing gas for laboratory and domestic science room. Very convenient, practical and economical.

30 light or for 4 pupil domestic science equipment.....	\$218 00
40 light or for 8 pupil domestic science equipment.....	265 00
50 light or for 12 pupil domestic science equipment.....	296 00
75 light or for 16 pupil domestic science equipment.....	339 00
100 light or for 20 pupil domestic science equipment.....	418 00
150 light or for 24 pupil domestic science equipment.....	506 00

**Electric.**

Hughes No. 10, hot plate, 1 burner, each.....	\$ 9 90
Hughes No. 15, hot plate, 2 burner, each.....	20 97
Hughes No. 9, oven, each.....	16 17
Hughes No. 35, oven, each.....	44 00
Hughes No. 45, oven, each.....	47 08

CLASS No. 38—Continued.

**GENERAL.**

Success No. 125, double, glass door, each.....	\$ 3 35
Banner No. 012, double, steel door, each.....	3 02
Boss No. 055, double, steel door, each.....	3 30
Boss No. 750, double, glass door, each.....	3 85
Princess No. 40, single, glass door, each.....	2 03
Princess No. 4, single, steel door, each.....	1 76

**Ovens.**

Perfection or Peerless, single burner.....	\$ 2 25
Perfection or Peerless, double burner.....	2 75
Unlined oven, single burner.....	1 40
Unlined oven, double burner.....	1 65

**Stools.**

Wood 22 inch, medium, each.....	\$ 95
Wood 22 inch, good, each.....	1 25
Wood 18 inch, white enamel.....	1 30
Steel, 18 inch, each.....	1 30
Steel, 24 inch, each.....	1 50

CLASS No. 39.

**SEWING.**

Equipment suggested by State Department for town and city schools. (See State course of study, pages, 114-115.)

Helpful texts.

Gibbs, Charlotte—Household Textiles, Whitecomb & Barrows, Boston, Mass. 1912. Each.....	\$ 1 25
Kinney & Cooley—Shelter and Clothing. MacMillan Co., Chicago, Ill. 1913. Each.....	1 10
Woolman, Mary S.—Sewing Course for Schools. Whitecomb & Barrows, Boston, Mass. 1908. Each.....	1 50
Woolman & McGowan—Textiles. Whitecomb & Barrows, Boston, Mass. Each.....	2 00
Fuller, Mary E.—Constructive Sewing Books, 1 to 4. Industrial Book & Equipment Co., Indianapolis, Ind. Each.....	60
Izor, Estelle Peek—Costume Design and Household Decoration, Atkinson and Mentzer Co., Chicago, Ill. ....	75
Baldi, Laura I.—Clothing for Women, J. B. Lippincott Co., Philadelphia, Pa. ....	2 00
Stephens, Selma—Progressive Lessons in Sewing, Industrial Education Co., Indianapolis, Ind. ....	50

CLASS No. 39—Continued.

Laboratory Equipment in Sewing for Class of Sixteen.

Note—Certain makes or kinds are indicated to show the quality you should receive at these prices. Substitutions may be made, provided you secure the same quality at no greater price.

	Medium.	Good.
4 sewing machines, each \$18.00.....	\$72 00	Each \$23.50..... \$94 00
1 mirror, French plain, 18x40.....	8 20	French beveled, each..... 8 80
1 set irons for pressing, 3 irons in set...	1 20	Set..... 1 95
1 cabinet or chiffoniers for materials wood.....	12 00	Wood, 4 ft..... 15 00
8 sewing tables, each \$2.15.....	17 20	Steel, 2 drawers, each \$16.00... 128 00
16 straight backed chairs, each \$1.25...	20 00	Each, \$2.25..... 36 00
1 cutting shears, 8½ inch.....	55	9 inch..... 95
1 student's storage case, paste board boxes.....		7 50
1 cutting table, 36x60.....	7 60	36x60..... 10 30
Total.....	\$138 75	\$302 50

CLASS No. 40.

LAUNDRY.

Text-Books.

Balderston & Limmrick—Laundry Manual. Whitecomb & Barrows, Boston, Mass. 1909. Each.....	\$ 54
Cornell University—The Laundry (Bulletin) Cornell University, Ithaca, N. Y.....	
Proctor & Gamble—The Laundry. Proctor & Gamble, Cincinnati, Ohio.....	Free.
Sheppard, J. L.—Laundry Work. Whitecomb & Barrows, 1909, each.....	50

Laundry Machinery.

Rotary washing machine, each.....	\$11 45
Perfection machine, 33½x21x14, each.....	3 30
Basket bench and wringer rack.....	2 00
Folding bench wringer, ballbearing, each.....	7 90
Wringer, No. 10, each.....	2 90
Wringer, No. 35 OU, each, 3 year guarantee.....	4 50
Galvanized washtubs, No. 3 each.....	1 40
Wire clothes line, 7 strands, per 100 feet, each.....	30

CLASS No. 40—Continued.

Rope, ¼ in. cotton, per 60-foot hanks, each.....	\$0 16
Rope, high grade, cotton thread, per 50-foot hanks, each.....	30
Copper wash boiler, 10½x20½, each.....	5 00
Copper bottom tin boiler, 10½x20½, each.....	2 15
Washboard, brass front, each.....	66
Nickel-plated sadirons, Mrs. Pott's Pattern, 3 in set, each.....	1 40
Ironing board, folding, Udell's patent, each, No. 15.....	2 47

CLASS No. 41.

Desirable Equipment for Industrial Arts in the Rural Schools.

Helpful Texts.

Burton, M. G.—Bench Work for Grammar Grades, Industrial Book & Equipment Co., Indianapolis, Ind.....	\$ 1 00
Brace, G. G. & Monye, D. S.—Farm Shop Work. American Book Co., Chicago, Ill. 1915. Each.....	1 25
Goss, F. M.—Benchwork in Wood, Second Edition, Ginn & Co., Chicago, Ill. 1914. Each.....	70
Van Dusen, Clinton—Beginning Woodwork at Home and in School. Manual Arts Press, Peoria, Ill. 1907. Each.....	1 00

Note—For other texts see list for consolidated schools.

Working Tools Suitable for a Rural School Shop.

1 jack plane, 14 inch.....	\$ 2 70
1 22 inch 10 point, crosscut hand saw.....	1 26
1 22 inch 8 point, hand rip saw.....	1 26
1 10 inch sweep ratchet brace.....	1 51
1 ¼ inch, ½ in. and ¾ inch auger bit.....	90
1 Clark's expansion bit, No. 2, large.....	1 58
1 Rose counter sink, No. 315.....	22
1 Miller's Falls hand drill and 8 drills, No. 1.....	1 70
1 8 inch drawing knife.....	57
1 No. 51 Stanley spokeshave.....	27
1 chisel, ¾ inch, 37c; 1 inch, 29c; 1 inch, 37c.....	1 32
1 hickory mallet, 3x5 inch, No. 1.....	20
1 hammer, 13 oz.....	66
1 Champion screwdriver, 8 inch.....	28
1 monkey wrench, 8 inch.....	91
1 No. 12, 8 inch Stanley try square.....	45
1 No. 25, 8 inch Stanley bevel.....	37
1 No. 65, Stanley marking gauge.....	37
1 Eagle pencil compass.....	17
1 2x6 inch combination carborandum stone (unmounted).....	75
1 oil can, No. 12.....	11
1 all bristle 9 inch bench duster, No. 3A.....	47
1 iron bench screw, 1 ½x16 inch.....	68

Total..... \$18 71

CLASS No. 41—Continued.

**Industrial Arts in Consolidated Schools Bench Work.**

Helpful Texts.

For the grade work see list of texts under Rural School Industrial Arts.

Griffith, I. S.—Correlated Courses in Woodworking and Mechanical Drawing. Manual Arts Press, Peoria, Ill. 1912. Each.....	\$ 1 50
Noyes, William—Handwork in Wood. The Manual Arts Press, Peoria, Ill. 1910. 231 pages. Each.....	2 00
Townsend, G.—Carpentry. American School of Correspondence, 58th and Drexel Ave., Chicago, Ill. Each.....	1 50
American Carpenter and Builder—A monthly journal dealing with woodworking. 178 W. Jackson Boulevard, Chicago, Ill., per year.....	2 00
Furniture Magazine—Quarterly, Grand Rapids Furniture and Record Co., Grand Rapids, Mich., per year.....	1 00
Bacon, L. A.—Progressive lessons in Industrial Training, Industrial Education Co., Indianapolis, Ind., each 10c, any 10..	1 00
Industrial Arts Magazine, Monthly—Bruce Publishing Co., Milwaukee, Wis., per year.....	1 50
Bench Work Tablet No. 9, Industrial Book & Equipment Co., Indianapolis, Ind.....	75
Cabinet Work—Industrial Book & Equipment Co., Indianapolis, Ind.....	1 10

**Woodworking Equipments.**

Manual Training Benches, 21x48.

Wood, equipped with different vises.....	\$11 50
No. 1 W.....	16 00
No. 2 W.....	11 50
No. 1 A.....	16 15
No. 2 A.....	11 70
No. 1 M.....	16 75
No. 2 M.....	10 75
No. 1 C.....	14 00
No. 2 C.....	10 00
No. 1 CN.....	12 75
No. 2 CN.....	

**Columbia**

No. 6 20x44 in. over all, with two vises.....	\$13 70
No. 5 20x44 in. over all, with one vise.....	9 80
No. 11 20x54 in. over all, with two vises.....	14 00
No. 10 20x54 in. over all, with one vise.....	10 05

CLASS No. 41—Continued.

**Christiansen.**

No. 15, with 1 Abernathy No. 70D rapid vise and without drawer..	\$10 60
No. 15, with 1 Christiansen vise without drawer.....	9 10
No. 16, with 1 Abernathy No. 70D rapid vise and one drawer.....	12 00
No. 16, with 1 Christiansen vise and one drawer.....	10 25
If wanted 10 inches longer, add 80 cents to prices of No. 15 and \$1.15 to prices of No. 16.	
No. 21, with 2 Christiansen vises.....	\$ 8 35
No. 21, with 1 Abernathy and 1 Christiansen vises.....	11 65
No. 21, with 1 Herrman and 1 Christiansen vises.....	11 65
No. 21, with 1 Toles and 1 Christiansen vises.....	14 70

**Equipment for Courses in Woodworking.**

Tools—Kind and Description.

The following tools are the best quality and are all standard makes. They are well known by all manual training teachers and hardware dealers. Any hardware dealer can furnish these tools. The numbers given are the manufacturer's catalogue numbers.

Plane No. 3, Stanley.....	\$ 2 40
Plane, No. 5, Stanley.....	2 90
Try square, No. 12, 8 inch, Stanley.....	50
Rule, No. 60, 1 ft. Lufkin.....	40
Back Saw, No. 2, 10 inch, 12 point Atkins.....	1 40
Chisel, $\frac{1}{2}$ inch, Firmer chisels.....	60
Chisel, $\frac{1}{2}$ inch.....	70
Hammer, No. 2, 13 ounce, Maydole.....	90
Hammer, No. 3, 7 ounce, Maydole.....	80
Spoke shave, No. 52, Stanley.....	35
Marking gauge, No. 65, Stanley.....	50
Sloyd knife.....	35
Cross cut saw, No. 53, 20 inch, 10 point Atkins.....	1 75
Rip saw, No. 53, 22 inch, 7 point, Atkins.....	1 80
Screw driver, No. 20, 4 inch, Hurwood Stanley.....	35
Screw driver, No. 70, 2 $\frac{1}{2}$ inch, Hurwood Stanley.....	18
Wing dividers, 7 inch, P. S. & W.....	40
Wood files, 10 inch, half round, bastard cut, Nicholson.....	40
Counter brush, 8 inch, full black bristle.....	50
Coping saw, No. 50, Atkins.....	85
Coping saw, No. 100 Atkins.....	20
Hand screw, Jorgensen, 10 inch, No. 2.....	75
Cabinet clamps, steel, 3 ft. Handy Mfg. Co., pair.....	1 60
Bevel squares, No. 18, 8 inch Stanley.....	65
Bit braces, No. 63, 8 inch, ratchet, Barber's improved.....	1 90
Long dowel bit, $\frac{1}{2}$ inch Russell Jennings.....	35
Long dowel bit, $\frac{3}{8}$ inch Russell Jennings.....	35

CLASS No. 41—Continued.

Long dowel bit, $\frac{1}{2}$ inch Russell Jennings.....	\$0 40
Long dowel bit, $\frac{3}{4}$ inch Russell Jennings.....	65
Long dowel bit, 1 inch Russell Jennings.....	75
Auger bits at the same price of dowel bits.	
Wood drills, $\frac{1}{2}$ inch Syracuse.....	15
Wood drills, 5-32 inch Syracuse.....	16
Wood drills, 3-16 inch Syracuse.....	20
Nail set, knurled, Syracuse.....	15
Countersink, No. 3 Rose, Sargent.....	30
Screw driver bit, 5-16 inch, Stanley.....	12
Framing square, No. 14, Sargent.....	85
Turning saw, 14 inch, Millers Falls.....	1 00
Bradawl, No. 4, hardwood handle, Stanley.....	10
Oiler, spring steel coppered.....	15
Oil stone, India combination, 1x2x6 inches.....	60
File brush and card, Nicholson.....	25
Steel figures, $\frac{3}{8}$ inch machine cut.....	1 25
Center punch, knurled, Syracuse.....	20
Bench press drill, No. 23, Millers Falls.....	3 50
Gimlet bits, German pattern, any size.....	10
Breast drill, No. 2, Fray.....	3 00
Twist drill, 5-32 inch, Syracuse.....	12
Twist drill, $\frac{3}{8}$ inch, Syracuse.....	28
Pliers, No. 40 P. S. & W., 7 inch.....	65
Monkey wrench, 8 inch Coes.....	90
Cabinet scraper, 3x5 inches, Atkins or Stanley.....	25
Draw knife, 8 inch, No. 71 $\frac{1}{2}$ Buck Brothers.....	80
Wood Mallet, No. 1, 3x5 inches, Stanley.....	25
Expansive bit, Clark's large size.....	1 10
Emery grinder with foot power attachment.....	7 00
Chip carving knife, Henckle's.....	25
Shellac brushes, rubber set, 1 in., 25 cents; 1 $\frac{1}{2}$ inch, 30 cents; 2 inch	35
Stain brushes, tin ferrules, 1 inch, 15 cents; 1 $\frac{1}{2}$ inch, 20 cents, 2 inch	25
Snips, 9 inch Niagara.....	1 35

CLASS No. 42.

TOOLS FOR ELEMENTARY BLACKSMITH WORK.

1 18 inch hand-blown forge.....	\$ 7 04
1 Kit of blacksmiths tools—	
1 14 inch tongs.....	60
1 cold chisel, 1 $\frac{1}{2}$ inch.....	50
1 hot chisel, 1 $\frac{1}{2}$ inch.....	50
1 hardie, 1 inch.....	53
1 blacksmith's hammer (2 lb.).....	96
1 18 inch gad tongs.....	50

CLASS No. 42—Continued.

1 blacksmith's anvil (Hay, Buddon or Trenton).....	\$11 00
1 hand power drill press.....	9 46
1 3 $\frac{1}{2}$ inch mechanic's vise.....	5 20
1 No. 10 all steel turner's snips.....	85
Total.....	\$37 14

Blacksmith Work.

Helps.

American Blacksmith—A monthly journal, American Blacksmith	
Co., New Sidway Bldg., Buffalo, N. Y., per year.....	\$1 00
Manual Training & Vocational Education—Manual Arts Press,	
Peoria, Ill. Monthly, per year.....	2 00
Industrial Arts Magazine, Bruce Publishing Co., Milwaukee, Wis.	
Monthly, per year.....	1 50

CLASS No. 43.

Tools Needed for Simple Cement Work.

1 9 inch mixing hoe.....	\$ 71
1 shovel, size No. 2, square point, D handle.....	93
1 10 inch Cincinnati pattern plastering trowel.....	55
1 10 inch London pattern trowel.....	71
1 5 inch pointing trowel.....	33
Total.....	\$ 3 23

The boys and teachers should make all the mixing troughs and bins needed for cement work.

Cement or Concrete Work.

Helpful suggestions for work.

Lessons in concrete—Information Bureau, Universal Portland	
Cement Co., Chicago, Ill.....	Free.
Lessons in Concrete—Concrete Construction for the Home and	
Farm—Atlas Portland Cement Co., 30 Broad St., New York,	
N. Y.....	Free.

CLASS No. 44.

HORTICULTURE.

Pruning tools—

1 saw, E. C. Atkins, No. 4, 6 teeth to inch.....	\$ 90
1 saw, Henry Disston & Sons, Nos. D-24 & 26, 6 teeth to	
inch.....	\$1.65 and 2 10
1 hand shears.....	35c to 55
1 topping shears.....	1 54



CLASS No. 45.  
AGRICULTURE.

Apparatus for High School—

Crops.

1. Tape line (press button) each.....	\$ 15
2. Foot rule, each.....	15
3. Tripod lens, each.....	75
4. Metric scale, each.....	50
5. Testing bucket scientific apparatus, each.....	17 50
6. Dinner plates for seed testing, 2 sizes, 4 for each student each.....	25
7. Muslin, 1 yard per student, each.....	10
8. Grains, etc., according to students.....	

Apparatus for Seventh and Eight Grades—

1. Tape line (press button) each.....	15
2. Rule (1 ft.) each.....	15
3. Weed seed collection (Purdue) each.....	40
4. Metric scale, each.....	50
5. Tripod, each.....	75
6. Testing box, each.....	40
7. Bottles, wide-mouth, 16 oz. (6) each.....	40
8. Seed samples.....	

CLASS No. 46.

Apparatus and Material for High Schools—

SOILS.

Common Use.

1. Soil sieve, 12-mesh, 18 inch, diameter, each.....	\$ 1 00
2. Drying oven, galvanized, each.....	6 50
3. Miscellaneous chemicals, each.....	3 00
For each student.	
4. Tripod lens, each.....	75
5. Glass tumblers, (6) each.....	35
6. Glass funnels, 4 inch mouth (4) each.....	45
7. Large spoon, each.....	20
8. Tin pans, 2 qt. (2) each.....	50
9. Galvanized troughs, 8x1 inches, (8) each.....	1 25
10. Tin cans, 1 qt. (18) each.....	40
11. 2 inch diameter, glass tubes, 15 inches long (6) each.....	1 50
12. Wide mouthed bottles, 1 qt. for percolation (6) each.....	20
13. Rack for holding apparatus, material, each.....	1 00
14. Muslin, 1 yard, each.....	10

CLASS No. 47.

Apparatus and Equipment for Seventh and Eighth Grades— in  
Soils. Needed for each Student

1. Tripod lens, each.....	\$ 75
2. Spring balance, each.....	75
3. Tin cans (one qt. Tomato), 1 dozen, each.....	20
4. Litmus (blue), 1 box, each.....	25
5. Glass tumblers (4), each.....	20
6. Tin pans (1 pt.) (4), each.....	20
7. Tin pans (2 qt.) (4), each.....	60
8. Lamp chimneys (8), each.....	1 25
or 12 inch glass tube, 2 inches diameter (8), each.....	2 00
9. Erlenmeyer flasks, 500 c. c. (2), each.....	45
10. Flower pots or straight sided, one gal. jars (2) each.....	40

Chemistry.

Alcohol lamp or Bunsen burner.....	\$ 25
1 lb. assorted glass tubing.....	50
2 dozen assorted test tubes.....	50
2 dozen assorted corks.....	30
Nest of 6 Beakers, 1 oz. to 14.....	80
Blow pipe.....	12
Set of 3 cork borers.....	50
Cork screw.....	05
2 nest of Hessian crucibles.....	20
1 pair crucible tongs.....	25
16 ounce Florence flasks.....	50
2-4 ounce Florence flasks.....	32
Chemical thermometer, 110° cent.....	1 00
Weights, 1 eg to 20 gr.....	70
Balance hand.....	1 75
Deflagrating spoons.....	08
3 inch evaporating dish.....	30
4 inch evaporating dish.....	40
Evolution flask.....	55
Carbonic acid gas apparatus.....	75
Triangular file.....	05
Round file.....	05
1 pack 4" filter paper.....	15
5 inch funnel.....	30
3 inch funnel.....	18
Glass syphon.....	20
Glass graduates, 100 cc.....	50
English graduates, 8 ounce.....	60
Gas bag with stop cock.....	1 85
Hydrometer, light liquids.....	40

## CLASS No. 47—Continued

Hydrometer, heavy liquids.....	\$0 40
Hydrometer, jar, 12x2.....	60
Lead dish, 3 inch.....	15
Pipette, 5 cc.....	40
Pneumatic trough.....	50
8 ounce retort tubulated.....	1 10
8 ounce retort receiver.....	80
Retort stand.....	65
10 rubber tubing, $\frac{1}{4}$ inch.....	1 00
10 rubber tubing, pure gum, $\frac{1}{4}$ inch.....	1 00
Reduction tube, 2 bulb.....	22
Steel spatulas, 6 inch.....	40
Glass stirring rod.....	05
Sand bath, 4 inch.....	12
Test glass, 4 ounce.....	15
Test tube rack.....	30
Test tube holder.....	08
Test tube cleaner.....	07
Safety tube.....	18
Wire gauze.....	06
Woulff bottle, three necks, 8 ounce.....	50
Wedge wood mortar and pistle.....	50
Total.....	\$23 33

## 1917—Physics.

List "A" represents the minimum of equipment.  
 List "B" and "C" should be added as soon as possible.  
 List A. (For an appropriation of \$100.)

839	Two meter sticks.....	\$ 42
1001	Adhesion disk.....	20
1008	One dozen Princee Ripert drops.....	20
	Brass ball, $1\frac{1}{2}$ inch diameter.....	1 00
	Wood ball, $1\frac{1}{2}$ inch diameter.....	12
	Lead ball, $1\frac{1}{2}$ inch diameter.....	20
1314	3 English and metric balances.....	60
1330	1 Harvard trip balance.....	6 00
1331	Support and pans for balance.....	1 50
1416	1 set of brass weights, 500 gr.....	3 00
1434	1 set of universal weights.....	2 50
1610	1 air pump and compressor.....	5 00
1611	1 receiver plate.....	5 00
1649	1 bell jar, open.....	1 20
1674	1 Boyle's law tube.....	60

## CLASS No. 47—Continued.

1670	1 barometer tube, straight, sealed.....	\$ 30
	5 pounds of mercury—(At market price.).....	
5415	5 pounds assorted glass tubing.....	2 50
5700	12 feet 3-16 inch rubber tubing.....	72
5176	Cork borers.....	85
5162	1 gross assorted corks.....	65
1550	Hydrometer for heavy liquids.....	40
1545	Hydrometer for light liquids.....	40
5210	2 Hydrometer jars, 12 inch by 2 inch.....	1 20
1809	Double scale thermometer, etched, 300 degrees.....	2 00
1809	Double scale thermometer, etched, 100 degrees.....	1 55
2329	Lodestone.....	35
2327	Pair of 8 inch bar magnets.....	60
2320	Horseshoe magnet, 6 inch.....	35
2343	1 pound iron filings.....	15
2316	Helix and ring.....	1 65
2300	Magnetic needle, agate cap.....	1 00
2336	Friction rod, wax.....	12
2334	Friction rod, glass.....	12
2339	Two friction rods, hard rubber.....	40
2366	Electroscope.....	50
2342	Pith balls.....	15
2900A	Wimhurst machine, 8 inch.....	9 25
2376	Electrophorus disk and plate.....	2 00
2363	Proof plane.....	40
3009	2 gravity cells.....	1 30
3010	Dry cell.....	50
3078	Primary and secondary coil.....	3 75
3091	Dissectible motor.....	1 00
3050	Decomposition of water apparatus.....	1 75
4061	Telephone receiver.....	1 00
4066	Telephone transmitter.....	95
4010	Lecture table, demonstration galvanometer.....	9 00
4050	Resistance box.....	5 00
4075	Electric bell.....	40
1901	Brass wire spiral spring.....	30
1940	Adjustable tuning fork.....	1 50
2100	Coneave and convex mirrors.....	2 30
2065	2 prisms, equilateral, 4 inch.....	60
	1 mounted lens, 5 inch.....	2 20
2055	1 set of demonstration lenses, $1\frac{1}{2}$ inch.....	1 50
2068	Iceland spar.....	50
5800	2 retort stands, 3 rings each.....	1 30
5132	1 clamp.....	30
5105	2 Bunsen burners.....	25
5451	1 soldering outfit.....	70

## CLASS No. 47—Continued.

1 double scale graduate, 500 cc.....	\$1 30
1 pound double cotton covered office wire, No. 18.....	65
Total.....	\$93 20

## List B. (For an appropriation of \$150.)

List A Items.....	\$93 20
1110 Ball bearing rotator.....	5 75
1102 Centrifugal ring to fit rotator.....	1 00
1109 Balls unequal weight, on frame.....	1 75
1110 Glass globe for rotator.....	1 50
1915 Crovas disk.....	50
1908 Siren disk.....	1 60
2045 Color disk.....	1 95
1955 Manometric flame apparatus.....	6 50
5074 Specific gravity bottle, adjusted, 50 cc.....	1 50
2319 Dipping needle.....	2 20
2372 Dissectible Leyden jar.....	2 00
Fuller cell complete.....	2 30
1145 Mechanical power apparatus.....	4 00
1620 Seven in one apparatus.....	5 20
1668 Stop cock, both ends for tubing.....	45
1762 Air thermometer tube.....	18
1941 Sympathetic forks and hammer.....	9 50
Total.....	\$141 08

## List C. (For an appropriation of \$250.)

Items of lists A and B.....	\$141 08
806 Micrometer caliper, 1-5 cm.....	3 50
1038 Collision balls, on frame.....	2 50
1090 Second law of motion apparatus.....	1 75
1161 Inclined plane and car.....	3 78
1755 Harvard apparatus A.....	2 40
1770 Pair of parabolic reflectors.....	5 00
1782 Palm glass.....	45
1928 Chladni plates, large size.....	3 00
1930 Sonometer, with weights.....	7 00
C tuning fork, mounted without hammer.....	5 50
A tuning fork, mounted without hammer.....	3 35
2050 Tourmaline tongs.....	2 00
2150 Porte lumiere.....	8 00
2160T Optical disk, including refraction tank.....	16 75

## CLASS No. 47—Continued.

2920 Geissler tube.....	\$0 60
4035 Tangent galvanometer, complete with compass.....	2 40
4060 Wheatstone bridge.....	2 75
4096 Wireless telegraph outfit, complete, including large size induction coil, without cells.....	16 00
Total.....	\$227 81

Balance of \$250.00 to provide blinds for darkening the room, apparatus case, etc.

## Botany.

Bausch and Lomb Microscope, B H 1.....	\$28 00
Bausch and Lomb Microscope B H 2.....	32 00
Bausch and Lomb Microscope B H 3.....	29 50
Bausch and Lomb Microscope B H 4.....	32 50
Carrying case, \$2.00 extra.....	
4850 Cover Glasses, $\frac{1}{2}$ ounce.....	70
4849 Glass slides, $\frac{1}{2}$ gross.....	60
4945 Section razor.....	1 00
1 Dozen Camels hair brushes, small.....	25
4973 Syracuse Watch Glasses, per dozen.....	60
4860 Dissecting needles.....	15
4856 Forceps.....	15
4830 Dissecting Microscopes.....	1 50

## CLASS No. 48.

## Indiana Reformatory Trades School Products.

Net prices, including freight prepaid.

Library table, French leg, quart oak, 30x48, Fig. 1, each.....	\$ 8 75
Sanitary Flat top desk, quart oak, 3x5, Fig. 2, each.....	23 25
Sanitary roll top desk, quart oak, 54 inch top, Fig. 3, each.....	28 50
Office pivot chair, uphol. seat, plain oak, Fig. 4, each.....	7 50
Heavy mission dining chairs, wood seat, plain oak, Fig. 5, each.....	1 75
Heavy mission dining chairs, uphol. seat, plain oak, Fig. 6, each.....	2 00
Heavy tablet arm lunch chairs, wood seat, plain oak, Fig. 7, each.....	3 00
Heavy arm rocker, double cane seat and back, oak or maple, Fig. 8, each.....	5 00
Heavy arm chair, double cane seat and back, oak or maple, Fig. 9, each.....	4 50
Heavy sewing rocker, double cane seat and back, oak or maple, Fig. 10, each.....	4 50
Heavy mission rocker, uphol. seat and back, quartered oak, Fig. 11, each.....	8 75

## CLASS No. 48—Continued.

Mission chair, uphol. seat and back, quart oak, Fig. 12, each.....	\$ 8 25
Mission divan, uphol. seat and back, quart oak, Fig. 13, each.....	12 00
Mission library table, heavy, quart oak, Fig. 14.....	12 50
Wood porch settee, 3 ft slat, plain oak, Fig. 15, each.....	3 50
Wood porch settee, 5 ft. slat, plain oak, Fig. 16.....	5 25
Institution couch, uphol. deep springs, plain oak, Fig. 17, each.....	10 25
Lounge, uphol. deep springs, plain oak, Fig. 18, each.....	15 00
Institution dresser, solid oak, mirror, 22x28, Fig. 19, each.....	15 00
Institution beds, single, ash or oak, 6 ft., Fig. 20, (filled only), each.....	4 25
Heavy dining table, square legs, plain oak, 3x6 ft., Fig. 21, each.....	10 00
Ward tables, solid oak, 31x46 in., Fig. 22.....	5 00
Institution dining tables, unfinished maple top, 3x12 ft., Fig. 23, each.....	12 00
Hair mattress, double bed, best quality hair, Fig. 24, each.....	22 00
Hair mattress, single bed, best quality hair, Fig. 25, each.....	15 00
Hair pillows, 3 lb. best quality hair, Fig. 26, each.....	4 00
Feather pillows, 3 lb., AAAA feathers, Fig. 27, each.....	3 50
Cotton felt mattress, double bed, ACA tick, Fig. 28, each.....	12 00
Cotton felt mattress, single bed, ACA tick, Fig. 29, each.....	8 50
Cocoa fibre mattress, single bed, ACA tick, 30, each.....	3 00
Cocoa fibre pillows, 4 lb. ACA tick, Fig. 31, each.....	50
Bread box, painted, 4x tin, Fig. 32, each.....	2 50
Water cooler, painted, 10 gal. Fig. 33, each.....	4 00
Water cooler, painted, 5 gal., Fig. 34, each.....	2 50
Milk can, 5 gal., Fig. 35, each.....	2 00
Milk can, 10 gal., Fig. 36, each.....	3 00
Milk can, 2 gal., Fig. 37, each.....	1 00
Lunch bucket and food tray, gal. iron, Fig. 38, each.....	75
Water pails, 3 gal., 4x tin, Fig. 39, dozen.....	5 75
Mop buckets, 3 gal., galv. iron, Fig. 39, dozen.....	5 25
Tin cups, 1 pt. 4x tin, Fig. 40, dozen.....	1 00
Tin measures, 1 qt., 4x tin, Fig. 41, dozen.....	1 75
Tin measures, 2 qt., 4x tin, Fig. 42, dozen.....	2 25
Heavy meat tubs, galv. iron, Fig. 43, dozen.....	18 00
Heavy meat tubs, 4x tin, Fig. 44, dozen.....	20 00
Dish pans, 5 gal., 4x tin, Fig. 45, dozen.....	9 50
Dish pans, 7½ gal., 4x tin, Fig. 46, dozen.....	12 00
Food trays, square and oval, 4x tin, Fig. 47, each.....	10 00
Baking pans, 22x24, reinforced, Fig. 48, each.....	50
Roasting pans, 22x24x6, reinforced, Fig. 49, each.....	75
Pie pans, Fig. 50, dozen.....	75
Heavy coffee pots, 12 qt., Fig. 51, dozen.....	6 00
Heavy coffee pots, 3 qt., Fig. 52, dozen.....	2 00
Soup strainers, Fig. 53, dozen.....	1 50
Dust pans, painted, Fig. 54, dozen.....	1 80
Garbage cans, 18x27, galv. iron, Fig. 55, each.....	2 25

## CLASS No. 48—Continued.

Waste cans, 15x26, galv. iron, Fig. 56, each.....	\$ 2 00
Galv. sprinkler, 10 qt., Fig. 57, dozen.....	7 50
Coal hods, 57-1, dozen.....	6 50
Men's suits, full lined, Fig. 58, each.....	6 50
Men's trousers, full lined, Fig. 59, each.....	2 25
Men's overcoats, Fig. 60, each.....	6 00
Overalls, khaki, Fig. 61-1, dozen.....	8 75
Bibb overalls, khaki, Fig. 62-1, dozen.....	12 00
Overall jackets, khaki, Fig. 63-1, dozen.....	9 50
Duck waiter jackets, Fig. 64, each.....	2 00
Duck trousers, Fig. 64, pair.....	1 25
Khaki work trousers, Fig. 64-1, pair.....	1 50
Jeans work trousers, Fig. 64-1, pair.....	1 50
Canton flannel shirts, Fig. 64-2, dozen.....	6 00
Canton flannel drawers, Fig. 64-3, dozen.....	6 00
Work shirts, best quality, Amoskeag, Fig. 65, dozen.....	5 50
Work shirts, best quality, hickory shirting, Fig. 66, dozen.....	6 00
Men's heavy lace work shoe, wide last, Fig. 67, pair.....	2 50
Boy's heavy lace work shoes, wide last, Fig. 68, pair.....	2 25
Men's heavy blucher shoes, Fig. 69, pair.....	2 50
Boy's heavy blucher shoes, Fig. 70, pair.....	2 25
Men's Congress shoes, Fig. 71, pair.....	2 50
Mey's and boys' blucher shoes, vici, Fig. 72, pair.....	2 50
Women's blucher shoes, vici, Fig. 73, pair.....	2 30
Girls' blucher shoes, vici, Fig. 74, pair.....	2 00
Women's and girls' vici, heavy vamp work shoes, Fig. 75, pair.....	2 25
Old ladies' bal. vici, Fig. 76, pair.....	2 00
Men's all leather vici slippers, Fig. 76-1, pair.....	1 60
Brooms, 22 lbs., plain handle, 4 tie, Fig. 77, dozen.....	3 75
Brooms, 24 lbs., plain handle, 4 tie, Fig. 78, dozen.....	4 25
Brooms, 27-28 lbs., plain handle, 5 tie, Fig. 79, dozen.....	5 00
Brooms, 30 lbs., plain handle, 5 tie, Fig. 80, dozen.....	5 25
Brooms, 32 lbs., plain handle, 5 tie, Fig. 81, dozen.....	5 75
Warehouse brooms, 36 lbs., reinforced, plain handle, 5 tie, Fig. 82, dozen.....	6 75
Painted handles additional, dozen.....	10
Whisk brooms, Fig. 83, dozen.....	1 75
Cotton mops, 12-14 oz., Fig. 84, dozen.....	4 25
Cotton mops, 16-18 oz., Fig. 85, dozen.....	4 50
Cotton mops, 20 oz., Fig. 86, dozen.....	5 00
Cotton mops, 24 oz., institution, Fig. 87, dozen.....	5 50
Mop heads, 12-14 oz., Fig. 88, dozen.....	4 00
Mop heads, 16-18 oz., Fig. 89, dozen.....	4 25
Mop heads, 20 oz., Fig. 90, dozen.....	4 75
Mop heads, 24 oz., Fig. 91, dozen.....	5 25
Clamp mop handles, Fig. 92, dozen.....	1 50

CLASS No. 48—Continued.

No. 1125 fiber rockers, Fig. 93, each.....	\$ 1 75
No. 1320 fiber table, Fig. 94, each.....	2 75
No. 1330 and 1360 fibre rocker and chair, Fig. 95, each.....	3 25
No. 1390 fiber settee, Fig. 96, each.....	5 50

Apply to institution for catalogue showing "cuts" and full description.

It is deemed proper to call attention to the Act of 1905, and later amendments thereto, sections 9918 to 9926, Burns' R. S. 1914, which provides for the manufacture by the inmates of the Indiana Reformatory of such articles and supplies as are used by the State Institutions and the political divisions of the State, and requires counties, townships and other political divisions to purchase such articles. It is, however, provided in section 3 of the Act:

"That said reformatory shall not produce any school books and desks used by pupils for use, or which shall be used in the common schools of the state, or print any other books or blanks except for the use of said reformatory."

Section 5 as amended in 1911 provides:

"In no case shall bids be asked for or goods bought unless a written statement has been received from the superintendent of the Indiana Reformatory that the articles desired cannot be supplied by said reformatory when they are needed." (As amended, Acts 1911, page 519.) Section 6 provides:

"It shall be the duty of the board of managers from time to time, after taking effect of this act, to issue a printed descriptive catalogue to the various state institutions and political divisions of the state, showing in detail and by cuts such articles as the management is able to manufacture; and when such state institutions or political divisions of the state of Indiana are in need of such articles as described in said catalogue, the boards of control, boards of trustees, or boards of managers and the heads of such institutions, boards of county commissioners, township trustees, superintendents of poor asylums and county sheriffs shall make requisition on the managers of said reformatory for such articles as are needed, giving the board of managers a reasonable time to manufacture the articles so required, and shall not purchase any such articles elsewhere unless the same cannot be furnished by such reformatory. Said boards and above named officers shall not contract for or pay any bill for any such articles as are made at said reformatory which are shown in the catalogue to be issued as aforesaid, until a written statement has been given them that such institution cannot furnish such articles."

Section 8 provides:

"Any member of a county council, a county commissioner, township trustee, or any member of a board or other official of a state institution, or any other person who wilfully violates any of the provisions of this act

in sections 1, 2, 3, 4, 5, 6, 7, 8 and 9, shall be guilty of a misdemeanor, and upon conviction therefor shall be fined not less than one hundred dollars nor more than one thousand dollars, and in addition may be removed from office."

Section 9 provides:

"It shall be the duty of the several prosecuting attorneys of this state in their respective counties to diligently prosecute, by indictment or information, any and all violators of this act."

The act requires public officials of the state, to purchase all articles and supplies they may need from the reformatory if such articles or supplies can be furnished by the reformatory, and to pay the price therefor fixed by the board of classification. You are not required to advertise for bids on such articles as you purchase from the reformatory.

Note—Attention is hereby called to the Act of the General Assembly of 1915, Chapter 170, page 625, wherein it is provided that all political divisions of the State using supplies such as are produced under the supervision of the Board of Industrial Aid for the Blind, shall be required to purchase such articles in the same manner and under the same conditions as articles produced in the Indiana Reformatory are now required to be purchased by law.

## INDEX

	PAGE
Agriculture, School Apparatus.....	74
Auditorium Chairs.....	26
Barrows and Trucks.....	39-40
Baskets, Waste.....	17
Bells.....	5
Bench, Manual Training.....	33
Blackboards and Supplies.....	5-6
Blacksmith Tools.....	72-73
Blank Form, Miscellaneous.....	19-24
Blocks, Cube Root.....	18
Book Cases.....	30
Books, Library.....	15-67-68-69-70
Books and Stationery.....	19-24
Botany.....	79
Bridge, Super-structure.....	46-48
Brooms.....	7
Brushes, Blackboard.....	6
Brushes, Floor.....	8-9
Brushes, Paint.....	8-9
Brushes, Wire.....	9
Cement Tools.....	73
Chairs, Auditorium.....	26
Chairs, Kindergarten.....	25-26
Chairs, Teachers.....	25
Charts.....	11-14
Chemistry.....	75-76
Clipless Fasteners.....	18
Clocks.....	31
Coal and Gravel Screens.....	40
Consolidated School Equipment, Industrial Arts.....	61-67
Cooking Equipment, Rural Schools.....	61-62
Cooking Equipment, City and Town Schools.....	62-65
Crayons.....	6
Crops, Apparatus.....	74
Cube Root Blocks.....	17
Culverts.....	54-59
Denominate Number Apparatus.....	17
Desks, School.....	27-30
Desks, Teachers.....	24-25
Dictionary Holder.....	15

	PAGE
Dictionary and Reference Books.....	15
Disinfectant.....	8
Ditch Books and Blanks.....	23
Dog Blanks.....	24
Domestic Science Tables.....	32
Drags and Graders.....	48-54
Drinking Fountain.....	35
Dumping Wagon Box.....	46
Dusters.....	9-10
Dust Pans.....	9-10
Electric Bells.....	5
Erasers, Rubber.....	18
Fasteners.....	18
Filing Cases.....	30
Fire Extinguishers.....	19
Flags.....	18
Floor Brushes.....	8-9
Floor Oils.....	6-7
Fountain Ink Well.....	18
Furnace, for Room.....	36-38
Furniture Polish.....	7
Germ Destroyer.....	8
Globes.....	11-14
Gongs.....	5
Graders and Drags.....	48-54
Hand Bells.....	5
Horticultural Tools.....	73
Hose, Lawn.....	40-41
Hose Reel.....	42
Indiana Reformatory Trade School Products.....	79-82
Industrial Arts Equipment.....	70
Industrial Board for Blind, Products.....	
Ink.....	17
Ink Wells.....	17-18
Justice of the Peace Supplies.....	24
Kindergarten Chairs and Tables.....	25-26
Laboratory Tables.....	32
Ladders.....	8
Laundry Equipment.....	68-69
Lawn Hose.....	40-41
Lawn Mowers.....	41-42
Lead Pencils.....	18
Letters, Printing Outfit.....	18
Library Books.....	15
Library Books, Sewing.....	67
Library Books, Laundry.....	68

	PAGE
Library Books, Industrial Arts.....	69-70
Library Tables.....	31
Manual Training Bench.....	33
Manual Training Tools.....	61-69
Maps.....	11-14
Mats.....	10
Mirrors.....	19
Mowers, Lawn.....	41-42
Mucilage.....	18
Number Apparatus.....	17
Oils, Floor.....	6-7
Ovens.....	67
Pails.....	40
Paints.....	10-11
Paper and Stationery Sundries.....	16-18
Paste.....	18
Pens.....	18
Penholders.....	18
Pencils.....	18
Pencil Sharpener.....	17
Physics, Equipment.....	76-79
Playground Material.....	59-61
Ploughs.....	48-54
Poor Books and Blanks.....	22
Portable Dumping Box.....	46
Printing Outfit, Letters.....	18
Reading Circle Books.....	15-16
Recitation Seats.....	27-30
Reference Books.....	15
Reformatory (Indiana) Products.....	79-82
Road Blanks.....	22
Road Drags and Graders.....	48-54
Road Scrapers.....	48-54
Room, Blast Furnace.....	36-38
Rubber Erasers.....	18
Rubber, Hose.....	40-41
Rubber Stamps.....	18
Rulers.....	18
Rural School Cooking Material.....	61-62
Rural School Equipment for Industrial Arts.....	70
School House Bells.....	5
School Desks.....	27-30
School Register and Blanks.....	19-24
School Wagons.....	42-46
Scrapers, Road.....	48-54
Screens, Coal and Gravel.....	40

	PAGE
Seats, Recitation .....	27-30
Sewing Equipment .....	68
Shovels .....	40
Soap .....	8
Soap, Liquid .....	19
Sprinkler, Lawn .....	40
Stamps, Rubber .....	18
Stationery, Sundries and Paper .....	19-24
Stepladders .....	8
Stoves, Room .....	36-38
Stoves, Alcohol .....	66
Stoves, Cook .....	67
Stoves, Gas .....	66
Stoves, Electric .....	66
Stools .....	67
Sweeping Compound .....	7
Tables, Domestic Science .....	32
Tables, Laboratory .....	32
Tables, Library .....	31
Teachers Chairs .....	25
Teachers Desks .....	24-25
Thermometer .....	18
Toilet Articles .....	19
Tools for Blacksmith .....	61-67
Tools for Cement .....	61-67
Tools for Manual Training .....	61-67
Tools for Woodworking .....	61-67
Towels .....	19
Trucks and Wheelbarrows .....	39-40
Vocational Division .....	61-67
Wagons, School .....	42-46
Waste Baskets .....	17
Water Cooler .....	35
Window Shades and Guards .....	33-35
Wheelbarrows and Trucks .....	39-40
Wood Working Tools .....	69-71





**END OF  
TITLE**